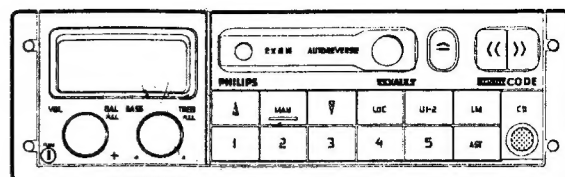


22DC577/62/62B

22DC579/62/62B

Service
Service
Service



For repair information of the cassette deck see Service Manual 4822 725 24113 of Car Cassette Deck P6-26/3

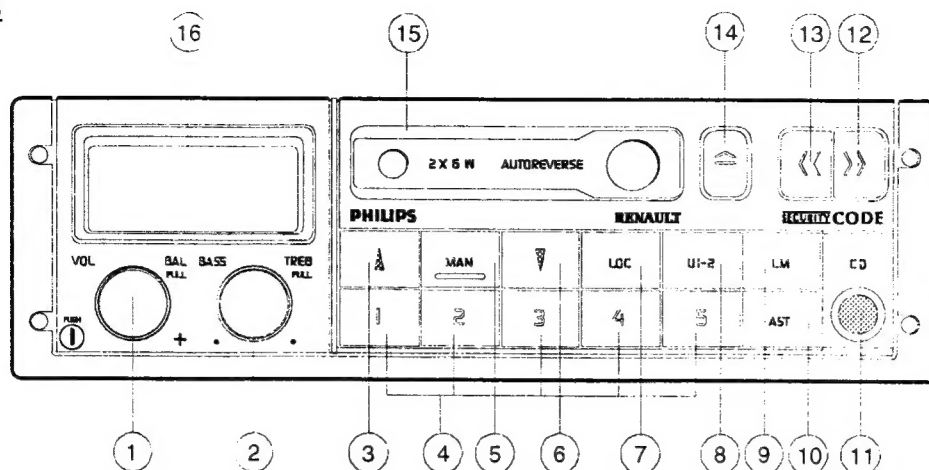
Service Manual

12 V 

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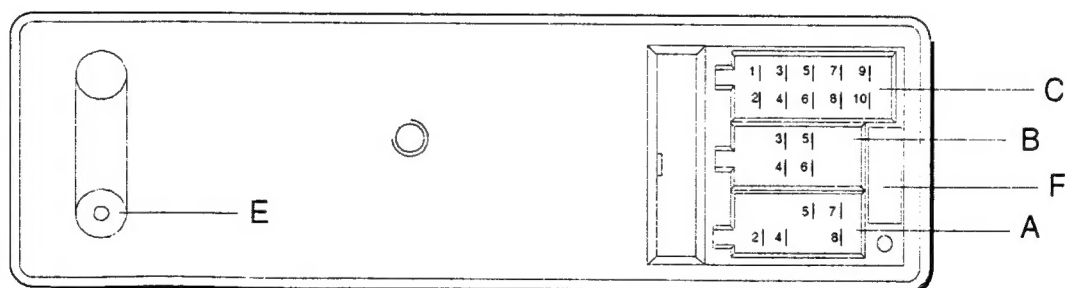
CONTROLS



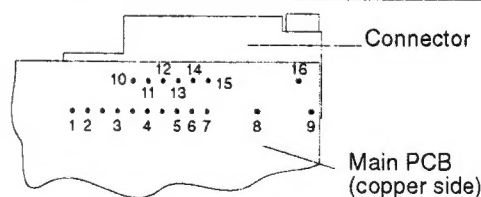
- ① Volume / Balance / On - Off
- ② Bass / Treble
- ③ Search Up
- ④ Presets 1 - 5
- ⑤ Manual / Auto
- ⑥ Search Down
- ⑦ Local / DX
- ⑧ Band Selection U1-2 (577)
- ⑧ Info (579)

- ⑨ Band Selection L-M (577)
- ⑨ Band Selection U-L-M (579)
- ⑩ Autostore
- ⑪ CD IN Plug
- ⑫ Fast Forward
- ⑬ Fast Rewind
- ⑭ Eject / Reverse
- ⑮ Cassette aperture with flap
- ⑯ Liquid Cristal Display

CONNECTIONS



A : POWER SUPPLY	B : LOUDSPEAKERS		
A2 Pilot Light	B3 Front Right	A2 = 5	B3 = 3
A4 Permanent Supply	B4 Front Right ground	A4 = 6	B4 = 4
A5 Auto. Aerial	B5 Front Left	A5 = 7	B5 = 2
A7 Battery Plus (Main Supply)	B6 Front Left ground	A7 = 1	B6 = 4
A8 Ground		A8 = 4	
E : AERIAL PLUG	C : REMOTE CONTROL		
	C3 Screening Mass		
F : FUSE 3A			



- A2 = 5
- A4 = 6
- A5 = 7
- A7 = 1
- A8 = 4
- B3 = 3
- B4 = 4
- B5 = 2
- B6 = 4
- C1, C2, C4 = not connected
- C3 = 4 - 9 - 16
- C5 = 11
- C6 = 12
- C7 = 10
- C8 = 15
- C9 = 13
- C10 = 14

TECHNICAL DATA

GENERAL

Power supply : 14.4V DC
Dimensions : 182x174x53 mm

RADIO

LW : 144-288 KHz
MW : 531-1611 KHz
FM : 87.5-108 MHz
IF-AM : 10.7 MHz
IF-FM : 10.7 MHz
Sensitivity 26dB S/N : 51 μ V (LW)
: 34 μ V (MW)
: 4.7 μ V (FM)
Limitation α -3dB : 8 to 22 μ V

CASSETTE

Cassette mechanism : P6-26/3
Number of tracks : 2x2
Tape speed : 4.76 cm/sec
Wow and flutter : $\leq 0.30\%$
Crosstalk : ≥ 30 dB

AMPLIFIER

Output power : 2 X 5 W / 4 Ω
CD Input sensitivity : 200 mV
Tone control : +14 / -15 dB at 60 Hz
: +1 / -1 dB at 1 KHz
: +10 / -10 dB at 10 KHz
Balance control : > 12 dB

ESD

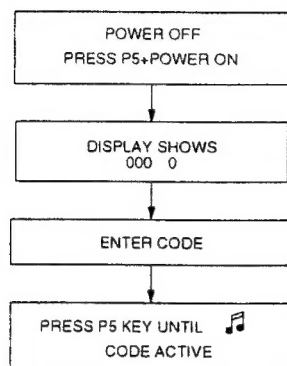


WARNING

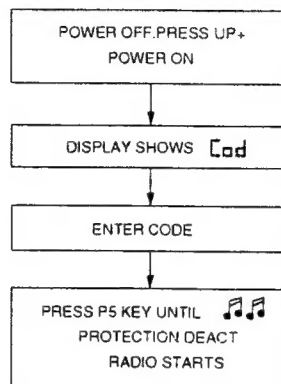
All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.
When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools also at this potential.

SECURITY CODE

ACTIVATING PROTECTION

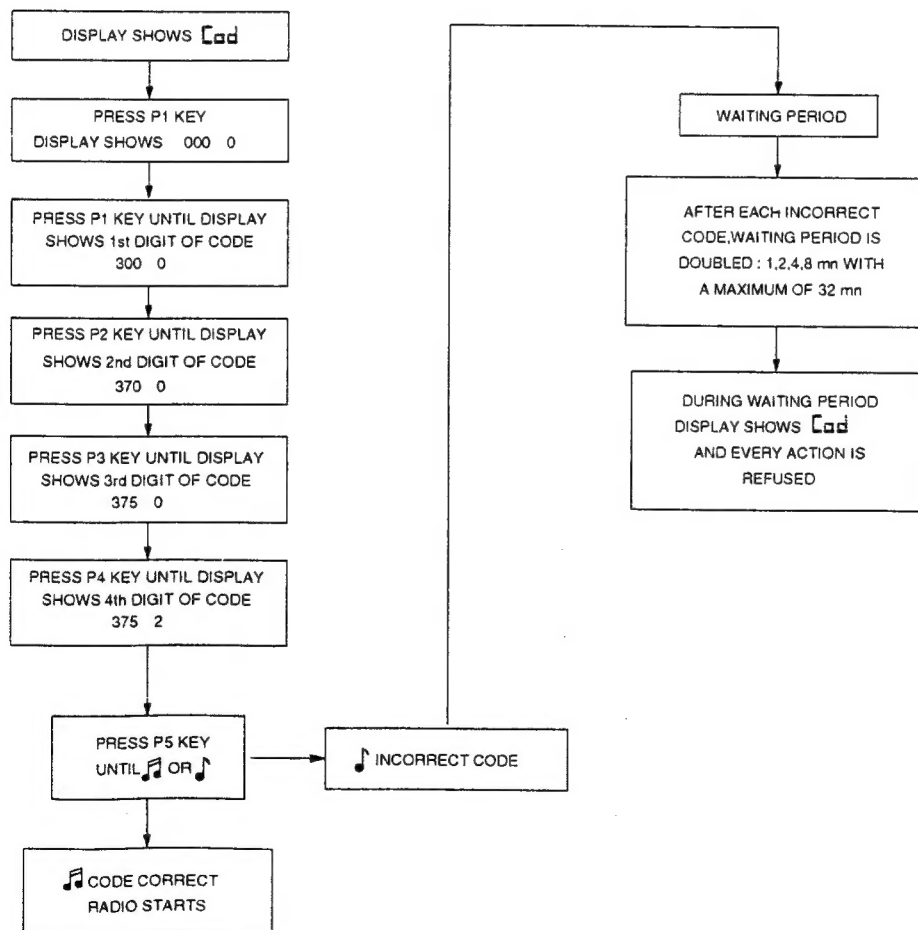


DEACTIVATING PROTECTION

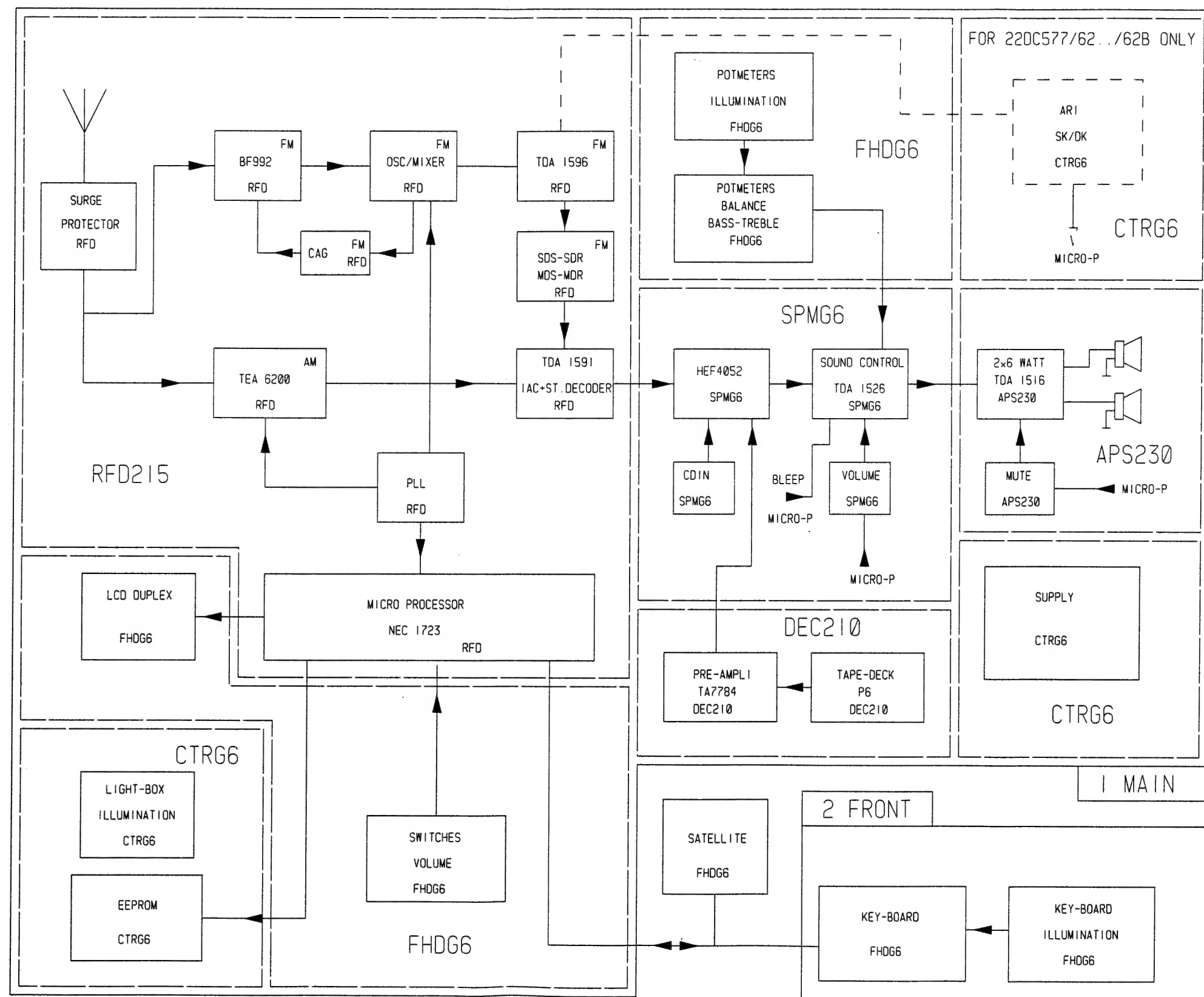


ENTERING A CODE

Example : 3752

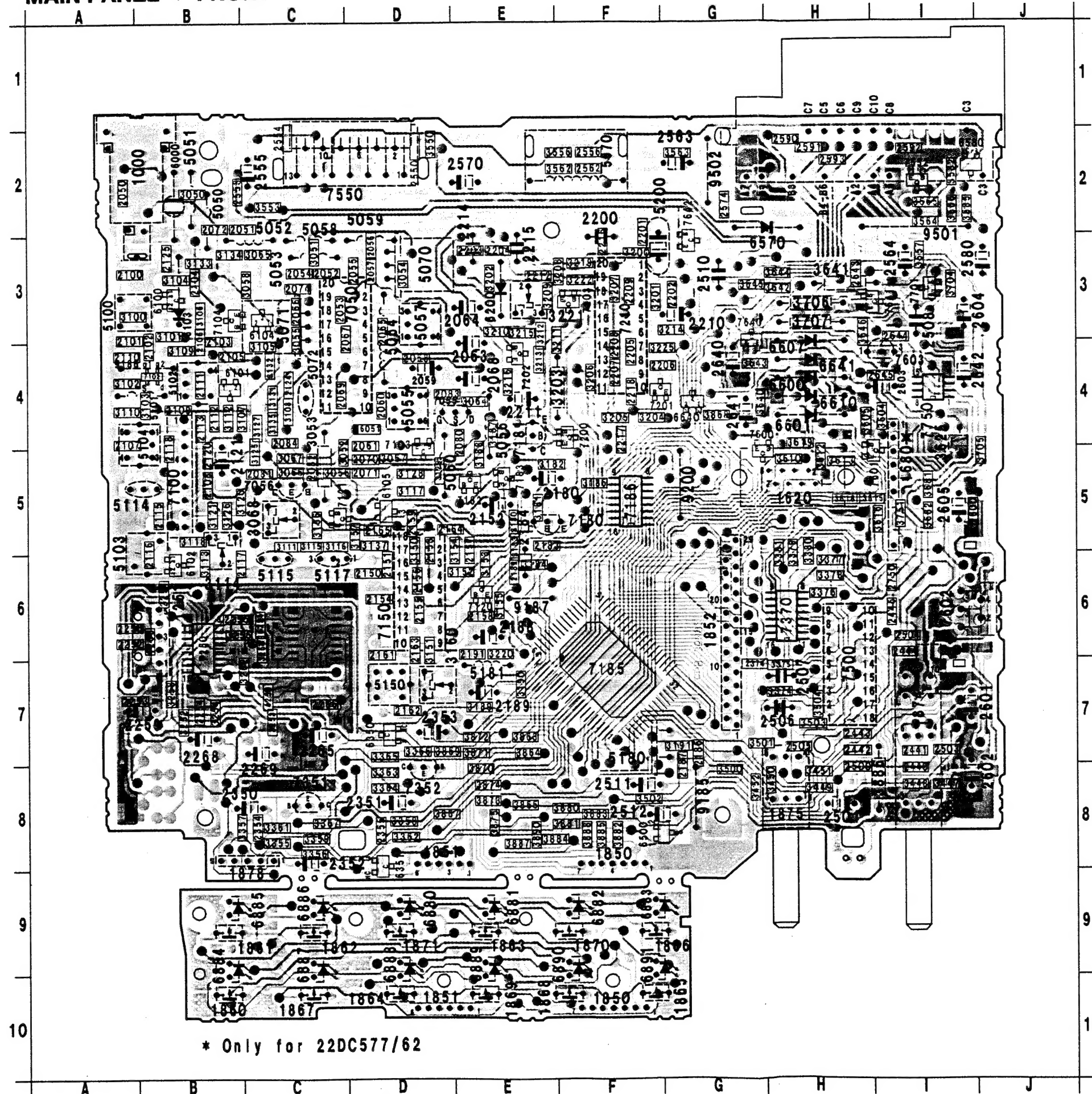


BLOCK DIAGRAM



22DC577/62.../62B
22DC579/62.../62B

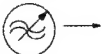
























MAIN PANEL + FRONT



* Only for 22DC577/62

1000	2B	2186	7G	3064	4E	3365	7D	5072	3C
1251	6B	2187	7G	3065	2C	3366	7D	5100	3A
		2188	6E	3066	4C	3367	8C	5101	4B
1620	5H	2189	7E	3067	4C	3374	7H	5102	4B
1680	4I	2191	6E	3068	5C	3375	6H	5103	5A
1850	9F	2200	2F	3100	3A	3376	6H	5104	4B
1850	8F	2201	2F	3101	3B	3377	5H	5114	5A
1851	8D	2202	3G	3102	4A	3378	5H	5115	5C
1851	9D	2203	2E	3103	4B	3379	5H	5117	5C
1852	6G	2204	2E	3104	3B	3380	5H	5150	6D
1860	10B	2205	3F	3105	3C	3381	5H	5180	7F
1861	9C	2206	3G	3106	3B	3447	7I	5181	6E
1862	9C	2207	3F	3107	4C	3448	7I	5200	2G
1863	9E	2208	3F	3108	4C	3449	7H	5570	1F
1864	9D	2209	3F	3109	3B	3450	7H	6000	1B
1865	10G	2210	3G	3110	4A	3451	7H	6051	4C
1866	9G	2211	4E	3111	5C	3452	7G	6100	3B
1867	10C	2212	3E	3112	4B	3500	7G	6101	3B
1868	10F	2214	2E	3113	5B	3501	7G	6102	5B
1869	10E	2215	2E	3114	5B	3502	8F	6103	3B
1870	9F	2216	2F	3115	5C	3503	7H	6104	3C
1871	9D	2217	4F	3116	5C	3504	7H	6105	5D
1874	7I	2218	4F	3117	5D	3550	1D	6200	3E
1875	8H	2250	6A	3118	5B	3553	2C	6350	7D
1878	8C	2251	6B	3120	5C	3556	1F	6351	8D
1881	8H	2252	6A	3121	5B	3557	2I	6500	8F
2050	2A	2253	7B	3125	4C	3562	2F	6570	2H
2051	2C	2254	7B	3126	5B	3563	1G	6580	1I
2052	3C	2255	6B	3127	4C	3564	2I	6600	4H
2053	3C	2259	7B	3128	4D	3565	2I	6601	4H
2054	3C	2265	7C	3129	4D	3566	2I	6607	3H
2055	3D	2266	7C	3131	4C	3582	2I	6610	4H
2056	2D	2268	7B	3132	3C	3585	2I	6640	4G
2057	3D	2269	7C	3133	2B	3604	4I	6641	3H
2058	3D	2350	7C	3134	2B	3605	4H	6880	9D
2059	4D	2351	8D	3135	4C	3610	4H	6881	9E
2060	4D	2352	8D	3137	5D	3612	4H	6882	9F
2061	4D	2353	7D	3150	5D	3613	4H	6883	9F
2063	3E	2354	8C	3151	6D	3615	5I	6884	9B
2064	3E	2355	8D	3152	5E	3616	5I	6885	9C
2065	3D	2374	6G	3153	5E	3618	5H	6886	9C
2066	3C	2440	7I	3154	5E	3619	4H	6887	9C
2067	3D	2441	7I	3155	6E	3625	4I	6888	9D
2068	4E	2442	7H	3156	5C	3640	4G	6889	9E
2069	4C	2443	7H	3157	5D	3641	3H	6890	9F
2070	4D	2444	6I	3160	6E	3642	3H	6891	9F
2071	4D	2445	6I	3180	5E	3643	3G	7050	3D
2072	2B	2500	7H	3181	5E	3644	3H	7055	4D
2074	3C	2501	8H	3182	4E	3645	3G	7056	5C
2080	4E	2503	7I	3183	5E	3646	3H	7100	5B
2081	4C	2504	6I	3184	5E	3681	5I	7102	3B
2082	4C	2505	7H	3186	5F	3682	5I	7103	4D
2083	4D	2506	7H	3187	4E	3704	3I	7104	3B
2084	4C	2507	6H	3188	4E	3705	4J	7120	6E
2100	3A	2508	3I	3189	7E	3706	3H	7121	5C
2101	3A	2510	3G	3190	6E	3707	3H	7150	6D
2102	3B	2511	7F	3191	7G	3751	5I	7180	5F
2103	3B	2512	8F	3200	2F	3863	7E	7181	4E
2104	3B	2550	2D	3201	3F	3864	7E	7182	5E
2105	3B	2553	2B	3202	3E	3865	8E	7183	4E
2106	3B	2554	1C	3203	4F	3867	8D	7185	6F
2107	4A	2555	2C	3204	4F	3868	4G	7186	5F
2108	5B	2556	1F	3205	4F	3869	7D	7200	4F
2109	4B	2562	2F	3206	4F	3870	7E	7201	4G
2110	3A	2563	1G	3207	3F	3871	7E	7202	4E
2111	4B	2564	2I	3208	3F	3872	7E	7203	3F
2112	4B	2570	2E	3209	3E	3873	8E	7210	3F
2113	4B	2574	2G	3210	3E	3874	7E	7250	6B
2115	5B	2580	2I	3211	3F	3875	8E	7351	7C
2116	5B	2590	1H	3212	3E	3880	8F	7352	7D
2117	5C	2591	1H	3213	3E	3881	8F	7370	6H
2118	4B	2592	1I	3214	3G	3882	8F	7500	6H
2120	4B	2593	1H	3215	3E	3883	8F	7550	2D
2121	4C	2600	5J	3216	4E	3884	8F	7552	2I
2124	4C	2601	7J	3219	2F	3885	8F	7600	4G
2125	2B	2602	7J	3220	6E	3886	7I	7601	4I
2150	5D	2603	4I	3221	3F	3887	8E	7602	6I
2151	5D	2604	3J	3222	3F	3888	8F	7603	3I
2152	5E	2605	5I	3225	3G	3890	8E	7640	3G
2153	5D	2640	3G	3252	7B	4250	7C	7641	3I
2154	6D	2641	4G	3253	7C	4251	6C	7842	2G
2155	6D	2642	4J	3254	7B	4253	6B	7701	3I
2156	5D	2643	3H	3255	6B	5050	2B	7750	4I
2157	5E	2644	3I	3258	7B	5051	1B	9185	8G
2158	6E	2645	4I	3259	6C	5052	2C	9186	3B
2159	5D	2750	5I	3262	6C	5053	3C	9187	6E
2161	6D	3050	2B	3355	8C	5054	3D	9200	5G
2162	7D	3051	2C	3356	8C	5055	4D	9501	2I
2163	6D	3052	4D	3357	8C	5056	4E	9502	2G
2164	5E	3053	4C	3358	8D	5057	3D		
2165	5D	3054	3D	3359	8C	5058	2C		
2180	5F	3055	3C	3361	8C	5059	2D		
2182	5E	3056	4C	3362	8D	5060	4E		
2183	5E	3057	4D	3363	7D	5070	2D		
2184	5E	3058	3C	3364	7D	5071	3C		

For checking and adjusting see general procedures

Check	SK				Setting of controls		
Demodulated FM levels	FM	93 MHz 1 mV $\Delta f=22.5$ KHz $f \text{ mod} = 1$ KHz				 160 mV \pm 1 dB	
		93 MHz 1 mV $\Delta f = 6.75$ KHz $f \text{ mod} = 19$ KHz				 45 mV \pm 1 dB	
Demodulated AM level	MW	1053 KHz 1 mV 1 KHz, 30% AM				250 mV \leq  \leq 500 mV	
VC FM	FM			87.5 MHz		 > 1.0 V	
				108 MHz		 < 6.5 V	
VC AM	LW			144 KHz		 > 0.8 V	
	MW			1611 KHz		 < 6.5 V	
Search level AM	MW	990 KHz 14 μ V				 2.6 V DC 0.1 V	
Ref oscillator frequency						 4.5MHz \pm 180Hz	
FM mute	FM	93 MHz 1 mV				 775 mV= 0 dB	
		No signal				 < -16 dB	

Adjustment	SK					
FM oscillator	FM	87,5 MHz unmodulated		87,5 MHz	5103	0 V \pm 50 mV
FM - IF	FM	87,5 MHz unmodulated		87,5 MHz	5104	max DC
FM - RF	FM	87,5 MHz unmodulated		87,5 MHz	5100	Max DC
		87,5 MHz unmodulated		87,5 MHz	5102	
		104 MHz unmodulated		104 MHz	3114	
FM limiting sensivity	FM	93 MHz 150 μ V Δ f = 22.5 KHz f mod = 1 KHz		93 MHz	3160	-50mV \pm 10mV (ref) \rightarrow
Search level AM	MW	990 KHz 14 μ V modulated		990 KHz	3068	2.6 V DC

DC VOLTAGES

1680 SDK THIFI

1 = GND
2 = 3.1 V
3 = 0.0 V
5 = 0.0 V
6 = N.C.
10 = 8.5 V

7050 TEA6200

1 = 6.3 V AM
2 = 4.0 V AM
3 = 8.5 V AM
4 = 8.5 V AM
5 = 8.5 V AM
6 = 8.0 V AM
7 = 0.5 V AM
8 = 4.0 V AM
9 = 4.0 V AM
10 = 4.0 V AM
11 = 6.9 V AM
12 = 3.8 V AM
13 = 3.8 V AM
14 = 6.4 V AM / 0.2 V FM
15 = 4.8 V AM
16 = 4.8 V AM
17 = GND
18 = 5.6 V AM
19 = 0.9 V AM
20 = 7.4 V AM

7100 LA1177

1 = 8.2 V FM
2 = 8.2 V FM
3 = 7.2 V FM
4 = 2.0 V FM
5 = GND
6 = 5.0 V FM
7 = 1.6 V FM
8 = 4.5 V FM
9 = 8.1 V FM

7150 TDA1596

1 = 8.7 V
2 = 1.9 V
3 = 4.1 V
4 = 3.1 V
5 = 3.9 V
6 = 4.5 V
7 = 2.8 V
8 = 2.1 V
9 = 4.2 V
10 = 4.2 V
11 = 3.9 V
12 = 0.0 V
13 = 0.0 V
14 = 4.1 V
15 = GND
16 = 1.8 V
17 = 1.8 V
18 = 1.8 V

7186 HEF4094B

1 = 0.0 V
2 = 0.8 V
3 = 0.0 V
4 = 0.0 V
5 = 0.0 V
6 = 0.0 V
7 = 0.0 V
8 = 0.0 V
9 = N.C.
10 = N.C.
11 = 0.0 V AM / 5.0 V FM
12 = 5.0 V
13 = 0.0 V
14 = 0.0 V
15 = 5.0 V
16 = 5.0 V

7210 TDA 1591

1 = 4.8 V
2 = 4.3 V
3 = GND
4 = 3.0 V
5 = 8.7 V
6 = 2.2 V
7 = 2.2 V FM - 0.0 V AM
8 = 8.7 V
9 = 3.8 V
10 = 3.8 V
11 = 3.8 V
12 = 3.8 V
13 = 3.8 V
14 = 3.8 V
15 = 3.5 V
16 = 3.5 V
17 = 3.9 V
18 = 0.6 V
19 = 5.1 V
20 = 3.0 V

7750 ST 24C04 AB6

1 = GND
2 = GND
3 = GND
4 = GND
5 = 4.9 V SDA
6 = 4.9 V SCL
7 = GND
8 = 5 V

7250 TA7705

1 = 8.5 V
2 = 3.2 V
3 = 4.0 V > , 0.0 V <
4 = 3.2 V
5 = 2.3 V
6 = 2.9 V
7 = 2.9 V
8 = 0.0 V
9 = 2.9 V
10 = N.C.
11 = 2.9 V
12 = 2.9 V
13 = 2.9 V
14 = 3.2 V
15 = 3.5 V
16 = 3.2 V

7370 HEF 4052

1 = 3.7 V
2 = 3.2 V
3 = 3.7 V
4 = 6.0 V
5 = 8.5 V
6 = 2.7 V
7 = GND
8 = GND
9 = 2.7 V
10 = 2.7 V
11 = 6.0 V
12 = 3.8 V
13 = 3.8 V
14 = 8.5 V
15 = 3.2 V
16 = 8.5 V

7500 TDA1526

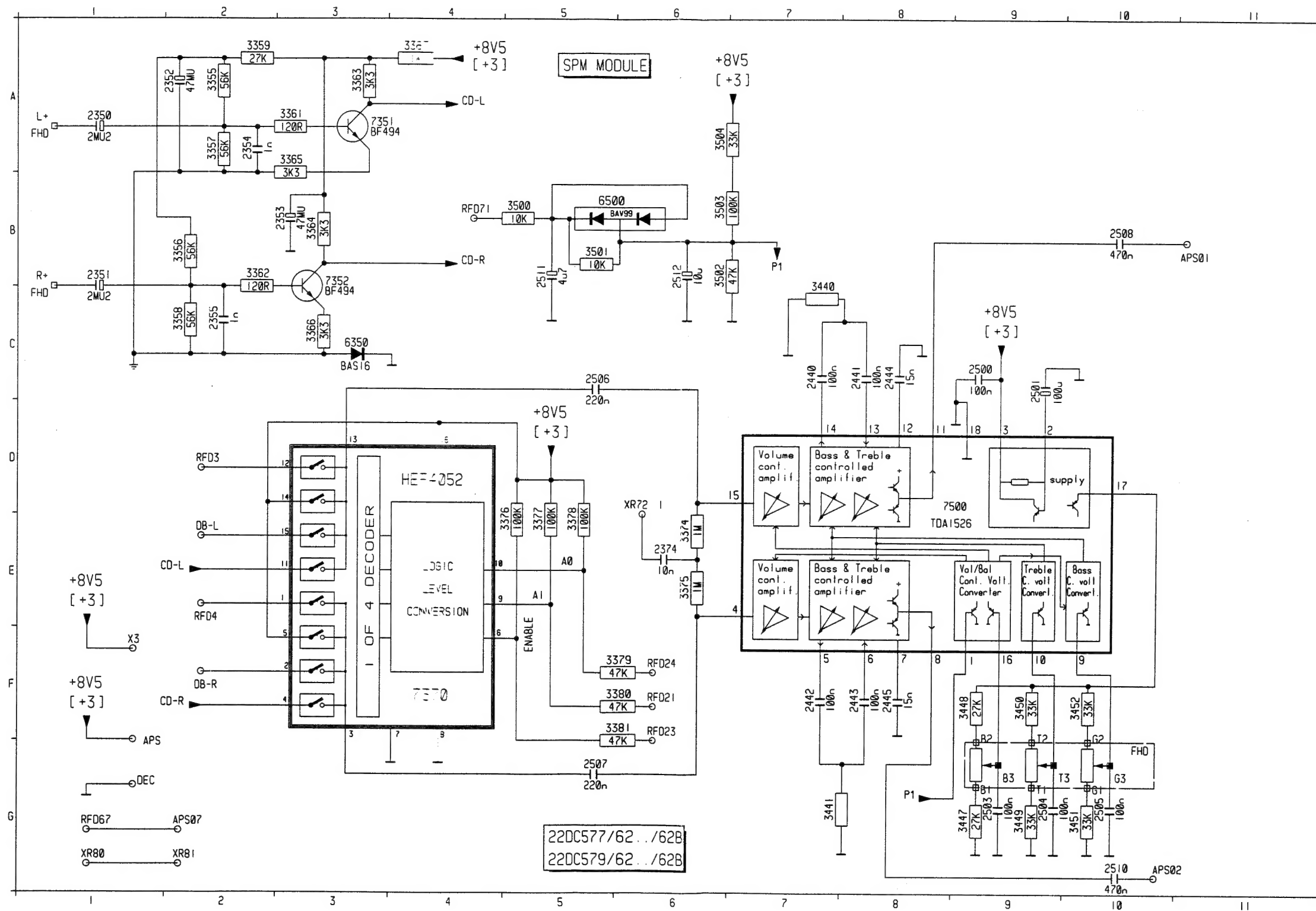
1 = 0.9 V - 2.4 V
2 = 8.5 V
3 = 8.5 V
4 = 4.4 V
5 = 4.2 V
6 = 3.8 V
7 = 1.9 V
8 = 4.6 V
9 = 1.1 V - 2.8 V
10 = 1.1 V - 2.8 V
11 = 4.4 V
12 = 2.0 V
13 = 3.8 V
14 = 4.2 V
15 = 4.4 V
16 = 1.1 V - 2.8 V
17 = 3.8 V
18 = GND

7550 TDA1516

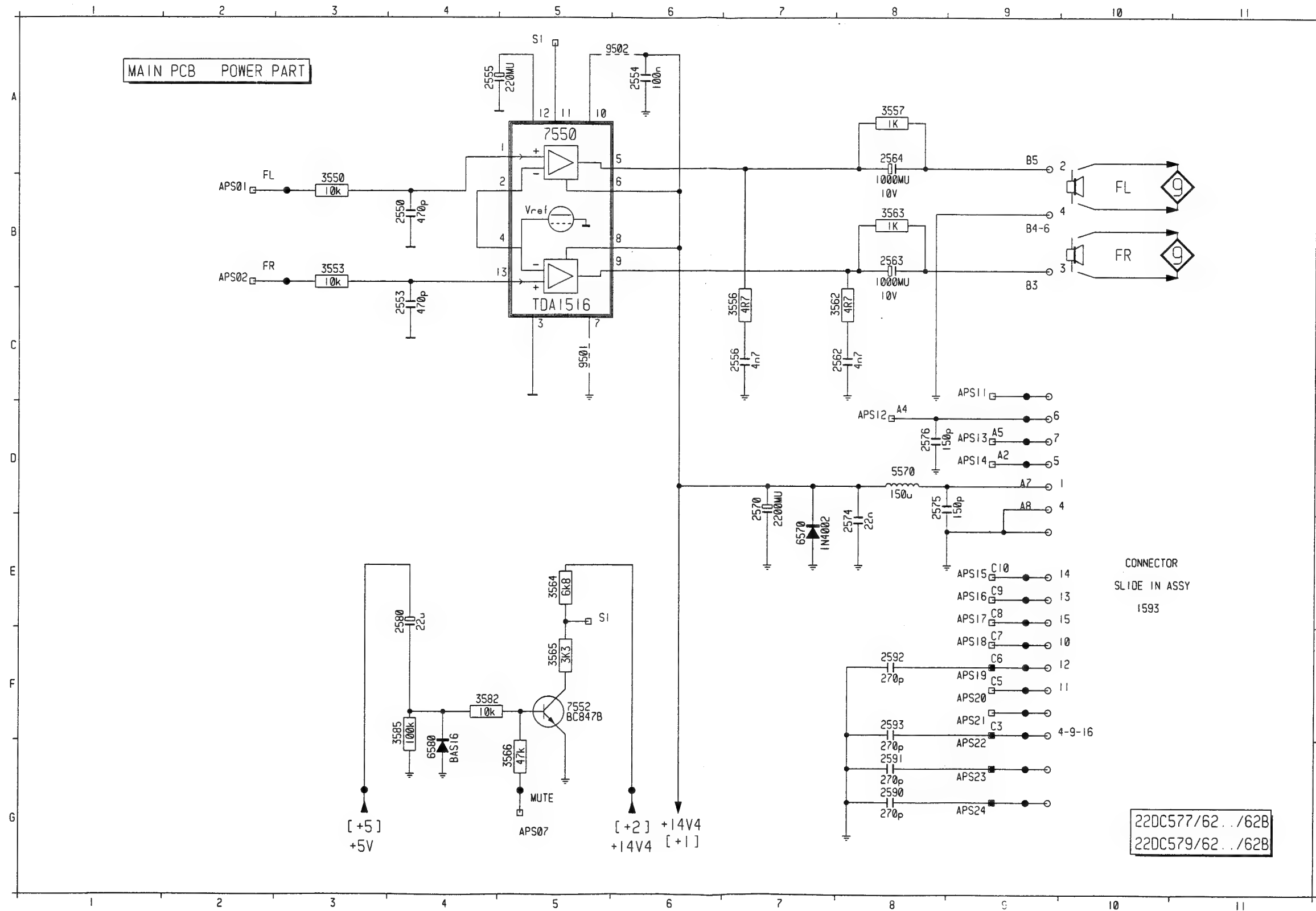
1 = 2.2 V
2 = 2.2 V
3 = GND
4 = 2.2 V
5 = 7.0 V
6 = 14.4 V
7 = EARTH
8 = 14.4 V
9 = 7.0 V
10 = 14.4 V
11 = 14.4 V
12 = 7.0 V
13 = 2.2 V

7602 L 4918

1 = 14.4 V
2 = 2.6 V
3 = GND
4 = GND
5 = 8.5 V



A	2350	A	1
	2351	B	1
	2352	A	2
	2353	B	3
	2354	A	2
	2355	C	2
	2374	E	8
	2440	F	8
	2441	C	8
	2442	F	7
B	2443	F	8
	2444	C	8
	2445	F	8
	2500	C	9
	2501	C	9
	2503	G	9
	2504	G	9
	2505	G	10
	2506	C	5
	2507	G	5
C	2508	B	10
	2510	G	10
	2511	B	10
	2512	B	10
	3355	A	2
	3356	B	2
	3357	A	2
	3358	C	2
	3359	A	2
	3361	A	3
D	3362	B	2
	3363	A	3
	3364	B	3
	3365	A	3
	3366	C	3
	3367	A	4
	3374	E	6
	3375	E	6
	3376	E	5
	3377	E	5
E	3378	E	5
	3379	F	6
	3380	F	6
	3381	F	6
	3440	C	7
	3441	G	8
	3447	F	9
	3448	G	9
	3449	G	9
	3450	F	9
F	3451	G	10
	3452	F	10
	3500	B	5
	3501	B	5
	3502	B	7
	3503	B	7
	3504	A	7
	6350	C	3
	6351	B	5
	7351	A	3
	7352	B	3
	7370	F	4
	7500	D	9

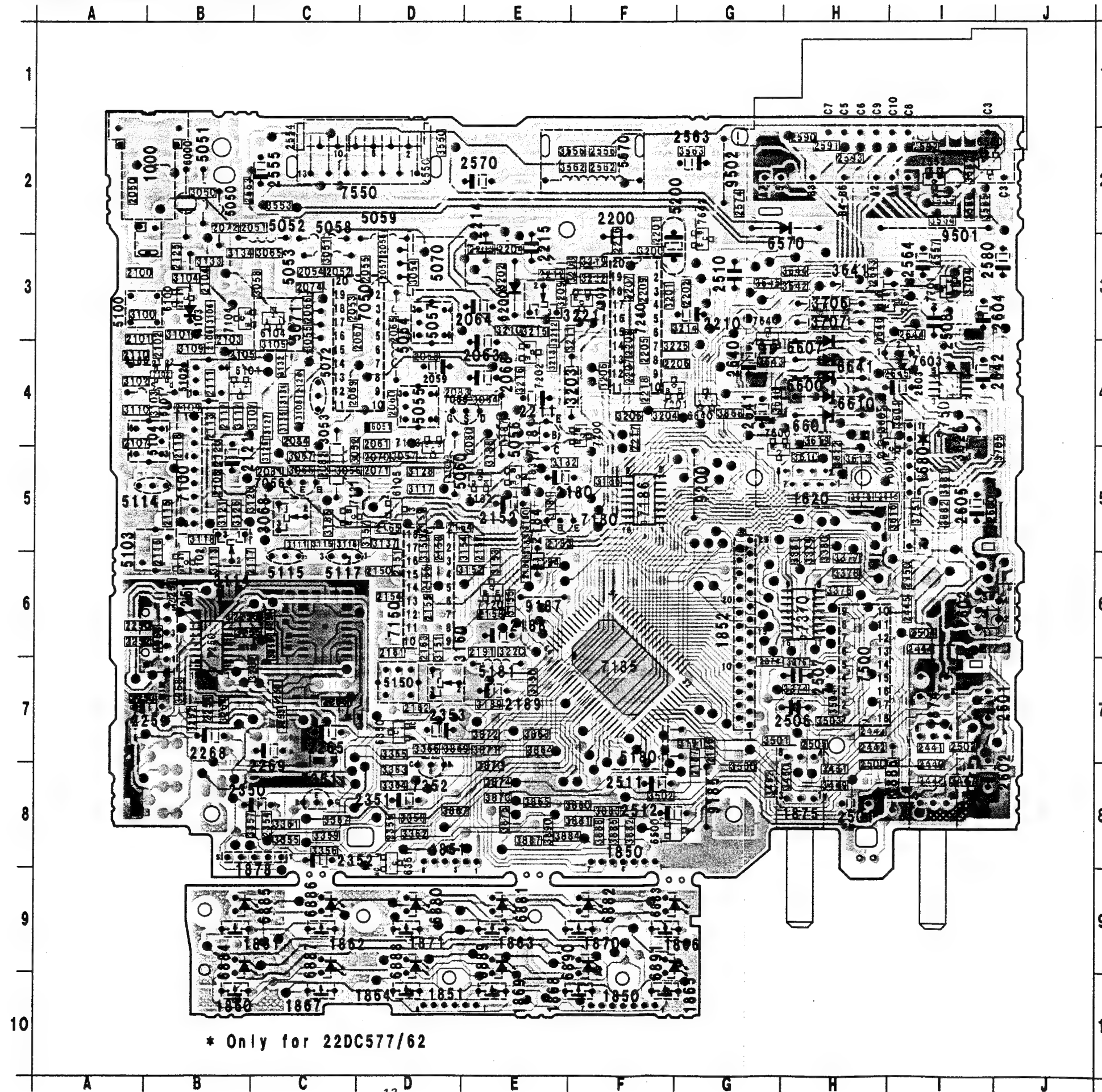


1593	D10
2550	B4
2553	C4
2554	A6
2555	A5
2556	C7
2562	B8
2563	B8
2564	A8
2570	D7
2574	E8
2575	D9
2576	D8
2580	F4
2590	C8
2591	G8
2592	F8
2593	F8
3550	B3
3553	B3
3556	C7
3557	A8
3562	C8
3563	B8
3564	F5
3565	F5
3566	G5
3582	F4
3585	D8
5570	D8
6570	E7
6580	G4
7550	A5
7552	F5
9501	C5
9502	A6

CONNECTOR
SLIDE IN ASSY
1593

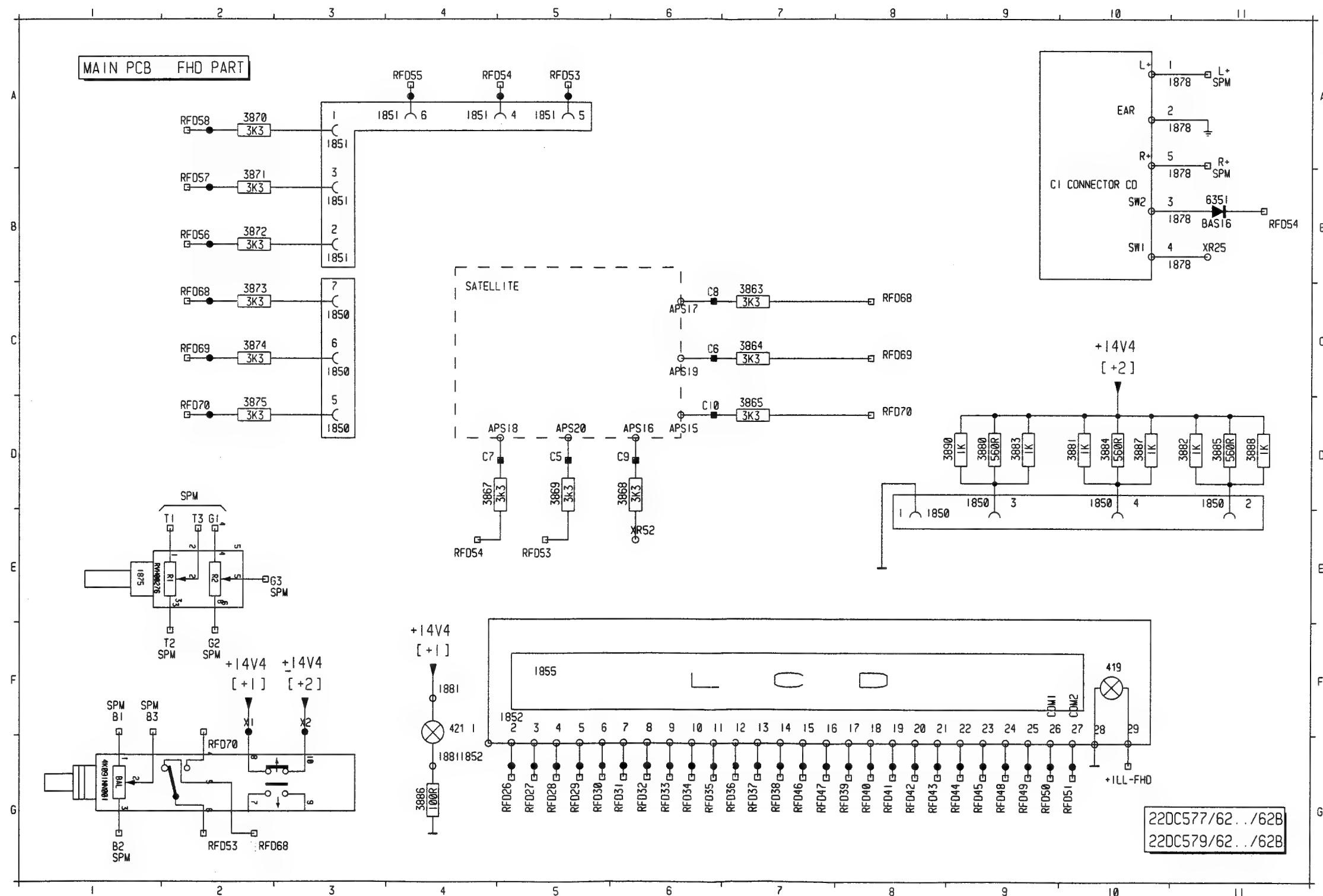
220C577/62../62B
220C579/62../62B

MAIN PANEL + FRONT



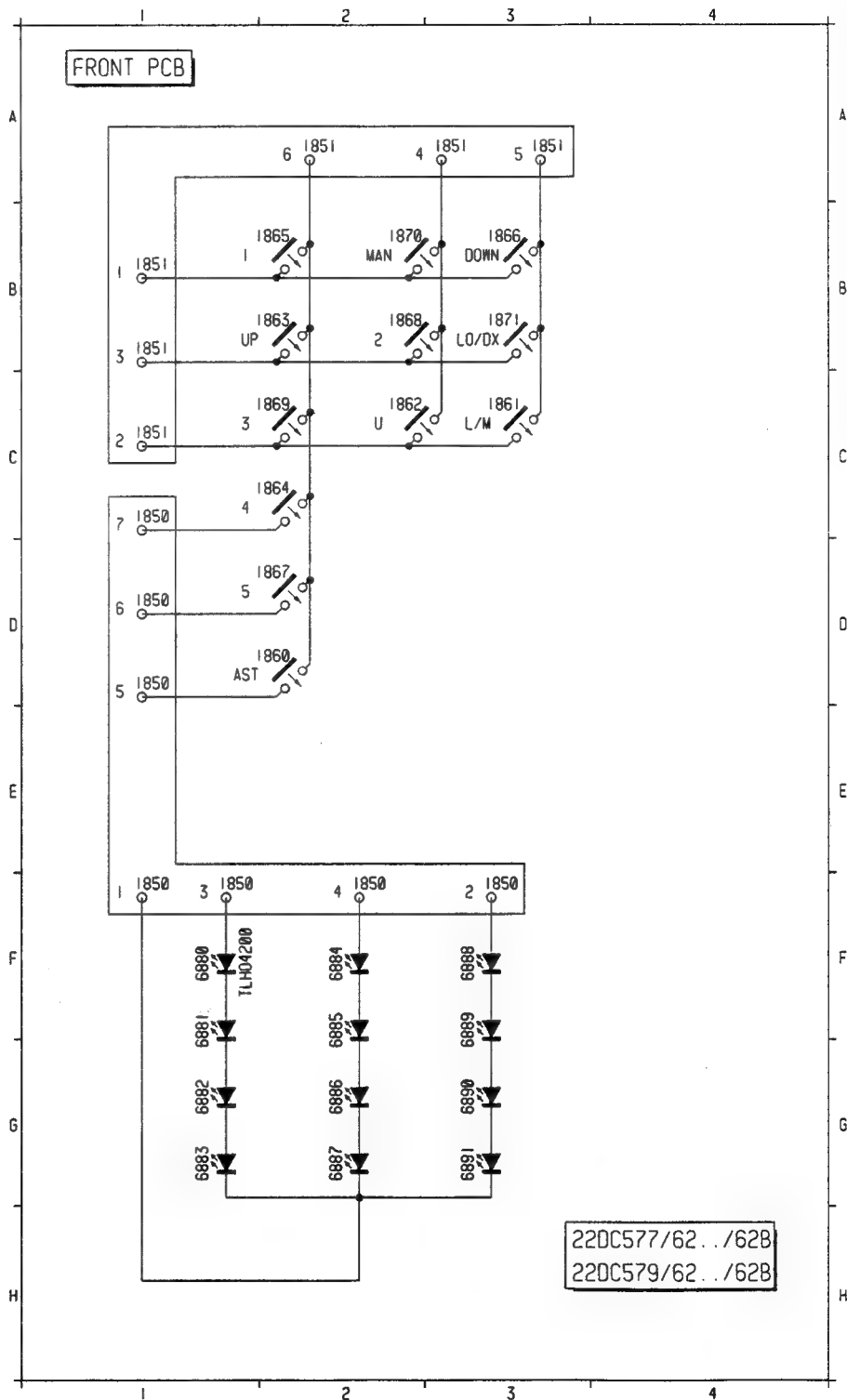
* Only for 22DC577/62

1000	2B	2186	7G	3064	4E	3365	7D	5072	3C
1251	6B	2187	7G	3065	2C	3366	7D	5100	3A
		2188	6E	3066	4C	3367	8C	5101	4B
1620	5H	2189	7E	3067	4C	3374	7H	5102	4B
1680	4I	2191	6E	3068	5C	3375	6H	5103	5A
1850	9F	2200	2F	3100	3A	3376	6H	5104	4B
1850	8F	2201	2F	3101	3B	3377	5H	5114	5A
1851	8D	2202	3G	3102	4A	3378	5H	5115	5C
1851	9D	2203	2E	3103	4B	3379	5H	5117	5C
1852	6G	2204	2E	3104	3B	3380	5H	5150	6D
1860	10B	2205	3F	3105	3C	3381	5H	5180	7F
1861	9C	2206	3G	3106	3B	3447	7I	5181	6E
1862	9C	2207	3F	3107	4C	3448	7I	5200	2G
1863	9E	2208	3F	3108	4C	3449	7H	5570	1F
1864	9D	2209	3F	3109	3B	3450	7H	6000	1B
1885	10G	2210	3G	3110	4A	3451	7H	6051	4C
1886	9G	2211	4E	3111	5C	3452	7G	6100	3B
1887	10C	2212	3E	3112	4B	3500	7G	6101	3B
1888	10F	2214	2E	3113	5B	3501	7G	6102	5B
1869	10E	2215	2E	3114	5B	3502	8F	6103	3B
1870	9F	2216	2F	3115	5C	3503	7H	6104	3C
1871	9D	2217	4F	3116	5C	3504	7H	6105	5D
1874	7I	2218	4F	3117	5D	3550	1D	6200	3E
1875	8H	2250	6A	3118	5B	3553	2C	6350	7D
1878	8C	2251	6B	3120	5C	3556	1F	6351	8D
1881	8H	2252	6A	3121	5B	3557	2F	6500	8F
2050	2A	2253	7B	3125	4C	3562	2F	6570	2H
2051	2C	2254	7B	3126	5B	3563	1G	6580	1I
2052	3C	2255	6B	3127	4C	3564	2I	6600	4H
2053	3C	2259	7B	3128	4D	3565	2I	6601	4H
2054	3C	2265	7C	3129	4D	3566	2I	6607	3H
2055	3D	2266	7C	3131	4C	3582	2I	6610	4H
2056	2D	2268	7B	3132	3C	3586	2I	6640	4G
2057	3D	2269	7C	3133	2B	3604	4I	6641	3H
2058	3D	2350	7C	3134	2B	3605	4H	6880	9D
2059	4D	2351	8D	3135	4C	3610	4H	6881	9E
2060	4D	2352	8D	3137	5D	3612	4H	6882	9F
2061	4D	2353	7D	3150	5D	3613	4H	6883	9F
2063	3E	2354	8C	3151	6D	3615	5I	6884	9B
2064	3E	2355	8D	3152	5E	3616	5I	6885	9C
2065	3D	2374	6G	3153	5E	3618	5H	6886	9C
2066	3C	2440	7I	3154	5E	3619	4H	6887	9C
2067	3D	2441	7I	3155	6E	3625	4I	6888	9D
2068	4E	2442	7H	3156	5C	3640	4G	6889	9E
2069	4C	2443	7H	3157	5D	3641	3H	6890	9F
2070	4D	2444	6I	3160	6E	3642	3H	6891	9F
2071	4D	2445	6I	3180	5E	3643	3G	7050	3D
2072	2B	2500	7H	3181	5E	3644	3H	7055	4D
2074	3C	2501	8H	3182	4E	3645	3G	7056	5C
2080	4E	2503	7I	3183	5E	3646	3H	7100	5B
2081	4C	2504	6I	3184	5E	3681	5I	7102	3B
2082	4C	2505	7H	3186	5F	3682	5I	7103	4D
2083	4D	2506	7H	3187	4E	3704	3I	7104	3B
2084	4C	2507	6H	3188	4E	3705	4J	7120	6E
2100	3A	2508	3I	3189	7E	3706	3H	7121	5C
2101	3A	2510	3G	3190	6E	3707	3H	7150	6D
2102	3B	2511	7F	3191	7G	3751	5I	7180	5F
2103	3B	2512	8F	3200	2F	3863	7E	7181	4E
2104	3B	2550	2D	3201	3F	3864	7E	7182	5E
2105	3B	2553	2B	3202	3E	3865	8E	7183	4E
2106	3B	2554	1C	3203	4F	3867	8D	7185	6F
2107	4A	2555	2C	3204	4F	3868	4G	7186	5F
2108	5B	2556	1F	3205	4F	3869	7D	7200	4C
2109	4B	2562	2F	3206	4F	3870	7E	7201	4G
2110	3A	2563	1G	3207	3F	3871	7E	7202	4E
2111	4B	2564	2I	3208	3F	3872	7E	7203	3F
2112	4B	2570	2E	3209	3E	3873	8E	7210	3F
2113	4B	2574	2G	3210	3E	3874	7E	7250	6B
2115	5B	2580	2I	3211	3F	3875	8E	7351	7C
2116	5B	2590	1H	3212	3E	3880	8F	7352	7D
2117	5C	2591	1H	3213	3E	3881	8F	7370	6H
2118	4B	2592	1I	3214	3G	3882	8F	7600	6H
2120	4B	2593	1H	3215	3E	3883	8F	7650	2D
2121	4C	2600	5J	3216	4E	3884	8F	7652	2I
2124	4C	2601	7J	3219	2F	3885	8F	7600	4G
2125	2B	2602	7J	3220	6E	3886	7I	7601	4I
2150	5D	2603	4I	3221	3F	3887	8E	7602	6I
2151	5D	2604	3J	3222	3F	3888	8F	7603	3I
2152	5E	2605	5I	3225	3G	3890	8E	7640	3G
2153	5D	2640	3G	3252	7B	4250	7C	7641	3I
2154	8D	2641	4G	3253	7C	4251	8C	7642	2G
2155	8D	2642	4J	3254	7B	4253	6B	7701	3I
2156	5D	2643	3H	3255	6B	5050	2B	7750	4I
2157	5E	2644	3I	3258	7B	5051	1B	9185	8G
2158	6E	2645	4I	3259	6C	5052	2C	9186	3B
2169	5D	2750	5I	3262	8C	5053	3C	9187	6E
2181	8D	3050	2B	3355	8C	5054	3D	9200	5G
2182	7D	3051	2C	3356	8C	5055	4D	9501	2I
2183	8D	3052	4D	3357	8C	5056	4E	9502	2G
2184	5E	3053	4C	3358	8D	5057	3D		
2185	5D	3054	3D	3359	8C	5058	2C		
2186	5F	3055	3C	3361	8C	5059	2C		
2187	5E	3056	4C	3362	8D	5060	4E		
2188	5E	3057	4D	3363	7D	5070	2D		
2189	5E	3058	3C	3364	7D	5071	3C		



1850	C 3
1851	B 3
1852	G 4
1874	G 3
1875	E 1
1878	A 10
1881	F 4
3863	C 7
3864	C 7
3865	D 7
3867	D 4
3868	D 6
3869	A 2
3870	A 2
3871	B 2
3872	B 2
3873	C 2
3874	C 2
3875	D 9
3880	D 9
3881	D 10
3882	D 11
3883	D 9
3884	D 10
3885	D 11
3886	G 4
3887	D 10
3888	D 11
3890	D 8
6351	B 11

220C577/62../62B
220C579/62../62B

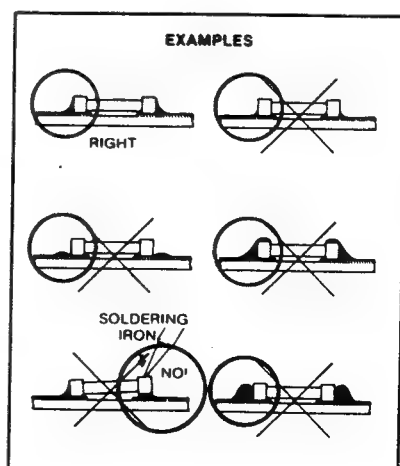
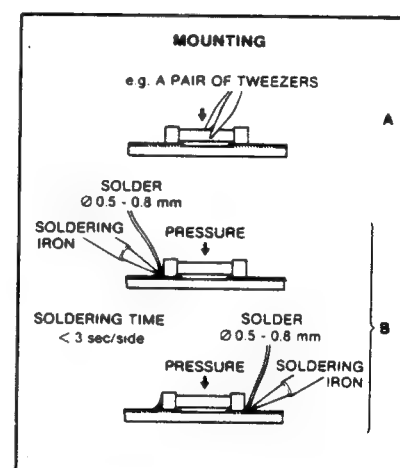
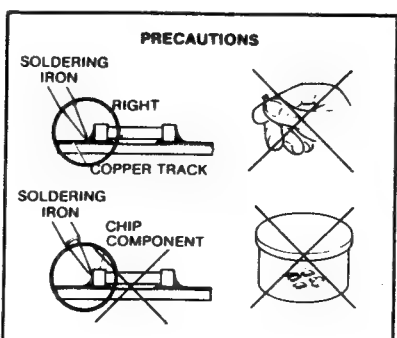
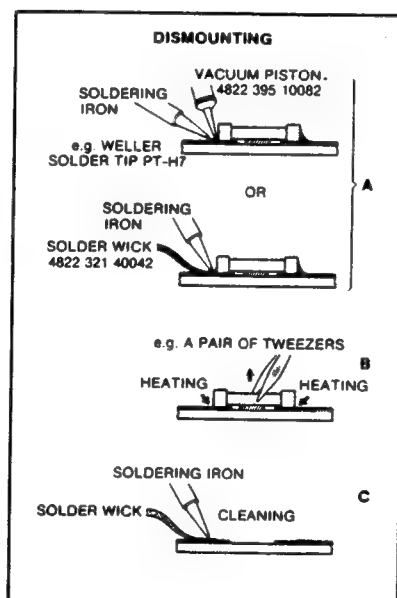
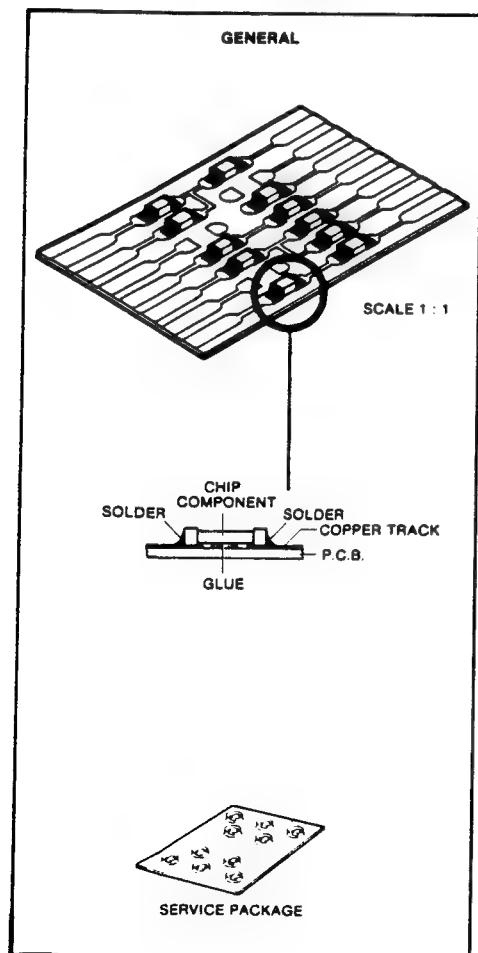


1850 C 1
1851 A 3
1860 D 3
1861 C 3
1862 C 3
1863 B 2
1864 C 2
1865 B 2
1866 B 2
1867 D 2
1868 B 3
1869 B 3
1870 B 3
1871 B 3
6880 D 1
6881 D 1
6882 D 1
6883 D 1
6884 D 1
6885 D 1
6886 D 1
6887 D 1
6888 D 1
6889 D 1
6890 D 1
6891 D 1

401	4822 459 50714	FRONT ASSY (1)	416	4822 130 91125	LCD (3)
401	4822 459 50715	FRONT ASSY (2)	416	4822 130 91146	LCD (4)
402	4822 413 31703	VOLUME/BALANCE	417	4822 466 62188	RUBBER CONNECTOR
404	4822 413 31703	BASS/TREBLE	418	4822 321 61565	FLEX FOIL
406	4822 492 71033	FLAP SPRING	419	4822 134 41065	FLEX BASE LAMP ASSY
407	4822 443 41139	FLAP CASSETTE	421	4822 134 41036	14V 40 MA + CAP
408	4822 410 62074	BUTTONS SET (1)	422	4822 214 51991	CD IN ASSY
408	4822 410 62075	BUTTONS SET (2)	423	4822 267 50872	CON.MOTOR DECK
409	4822 410 62003	DECK SET	424	4822 267 40818	CON.HEAD DECK
411	4822 492 71124	MOUNTING SPRING	426	4822 267 31489	ADAPTOR
412	4822 290 61098	CONNECTOR BLOCK	427	4822 401 11454	FASTENING CABLE
413	4822 071 23002	FUSE 3 AMPERES	428	4822 532 12177	BUFFER MOUNTING
414	4822 267 30883	ANTENNA			

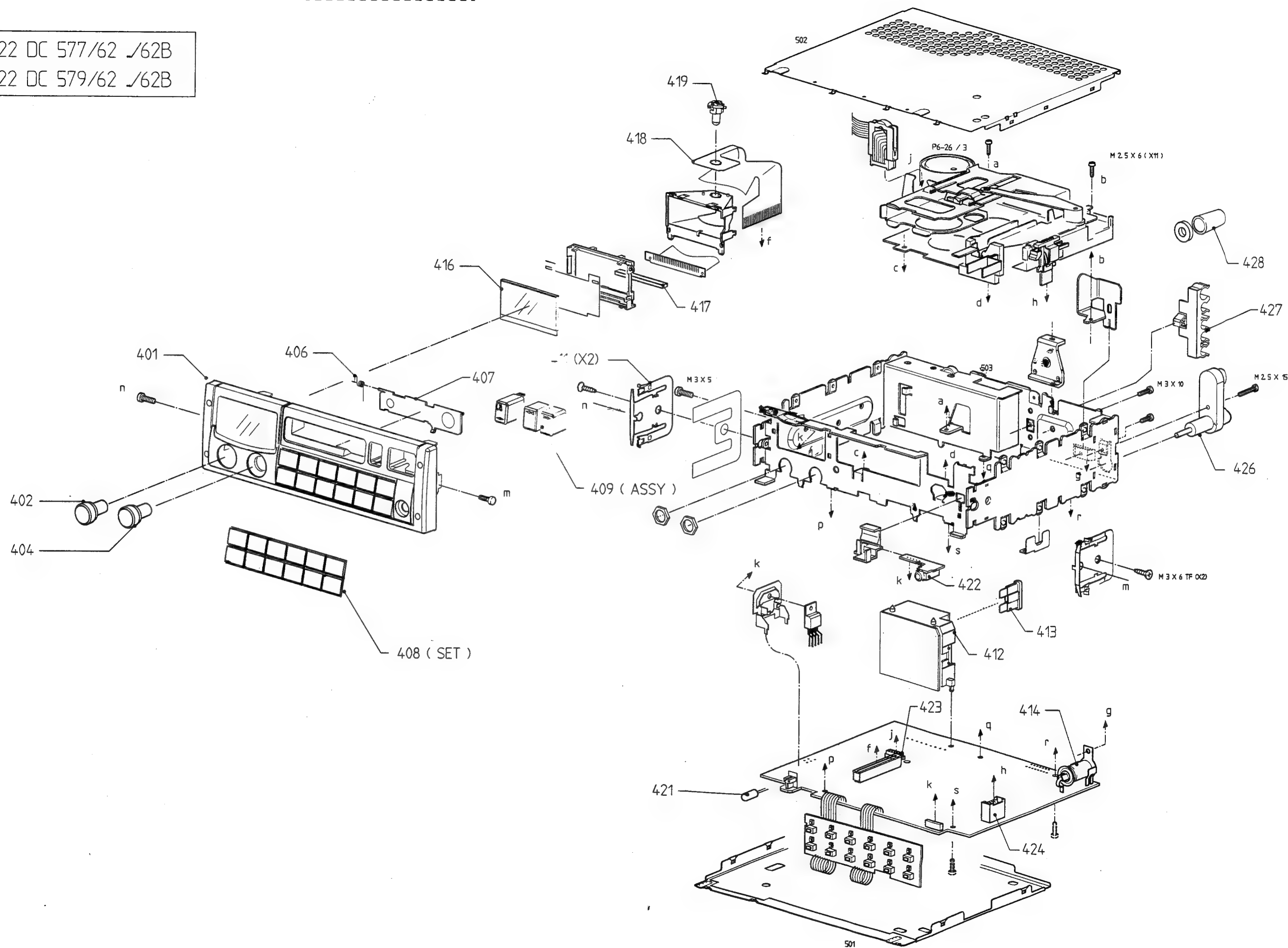
- (1) 22DC577 / 62 AND 577 / 62B
(2) 22DC579 / 62 AND 579 / 62B
(3) 22DC577 / 62 AND 579 / 62
(4) 22DC577 / 62B AND 579 / 62B

HANDLING CHIP COMPONENTS




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



22 DC 577/62 ✓/62B
22 DC 579/62 ✓/62B



Miscellaneous			II		
1680	4822 214 51644	VKF2 THIF	2113	4822 122 31971	10pF10% 50V
1852	4822 267 60324	CONNECTOR 29P	2115	4822 122 31971	10pF10% 50V
1860	4822 276 13103	SWITCH	2116	4822 122 33634	1nF20% 50V
1861	4822 276 13103	SWITCH	2117	4822 122 33837	1nF10%X7R 50V
1862	4822 276 13103	SWITCH	2118	4822 122 32542	47nF10%X7R 63V
1863	4822 276 13103	SWITCH	2120	4822 122 33837	1nF10%X7R 50V
1864	4822 276 13103	SWITCH	2121	4822 124 22403	10μF 20% 16V
1865	4822 276 13103	SWITCH	2124	4822 122 32542	47nF10%X7R 63V
1866	4822 276 13103	SWITCH	2125	4822 122 33177	10nF 20% X7R 50V
1867	4822 276 13103	SWITCH	2150	4822 122 33555	22nF10%
1868	4822 276 13103	SWITCH	2151	4822 122 33555	22nF10%
1869	4822 276 13103	SWITCH	2152	4822 124 23624	47μF 20% 16V
1870	4822 276 13103	SWITCH	2153	4822 122 33555	22nF 10%
1871	4822 276 13103	SWITCH	2154	4822 122 33496	100nF 10% X7R 63V
1874	4822 101 11202	50K 20%	2155	4822 122 33496	100nF 10% X7R 63V
1875	4822 100 20855	POT 2X50K	2156	4822 122 33283	150pF 5% NP0 50V
II			2157	4822 122 33219	1,8nF 10% X7R 50V
2050	4822 122 32442	10nF 50V	2158	4822 122 33837	1nF 10% X7R 50V
2051	4822 126 10205	6pF NP0 50V	2159	4822 122 33496	100nF 10% X7R 63V
2052	4822 122 31971	10pF10% 50V	2161	4822 122 33515	82pF 5% NP0 63V
2053	5322 122 32659	33pF 5% 50V	2162	4822 122 33837	1nF 10% X7R 50V
2054	4822 122 33514	68pF 5% NP0 50V	2163	4822 122 33514	68pF 5% NP0 50V
2055	4822 122 33515	82pF 5% NP0 63V	2164	4822 122 33496	100nF 10% X7R 63V
2056	4822 122 33514	68pF 5% NP0 50V	2165	4822 122 33496	100nF 10% X7R 63V
2057	4822 122 33177	10nF 20% X7R 50V	2180	4822 124 23432	100μF 20% 10V
2058	4822 122 33496	100nF 10%X7R 63V	2182	4822 122 33555	22nF 10%
2059	4822 124 23624	47μF 20% 16V	2183	4822 122 32542	47nF 10% X7R 63V
2060	4822 122 33216	270pF 5% NP0 50V	2184	4822 124 41971	2,2μF 20% 50V
2061	4822 122 33555	22nF 10%	2186	4822 122 33214	27pF 5% NP0
2063	4822 124 41969	1μF 20% 50V	2187	4822 122 33214	27pF 5% NP0
2064	4822 124 23624	47μF 20% 16V	2188	4822 124 23624	47μF 20% 16V
2065	4822 122 33496	100nF 10% X7R 63V	2189	4822 124 23624	47μF 20% 16V
2066	5322 122 32658	22pF 5% 50V	2191	4822 122 33496	100nF 10% X7R 63V
2067	4822 122 33496	100nF 10% X7R 63V	2200	4822 121 42408	220nF 5% 63V
2068	4822 124 23624	47μF 20% 16V	2201	4822 122 33555	22nF 10%
2069	5322 126 10223	4,7nF 10% X7R 63V	2202	4822 122 33496	100nF 10% X7R 63V
2070	4822 122 33219	1,8nF 10% X7R 50V	2203	4822 122 33584	220pF 5%
2071	4822 122 33555	22nF 10%	2204	4822 122 33219	1,8nF 10% X7R 50V
2072	4822 122 33177	10nF 20% X7R 50V	2205	5322 122 32268	470pF 10% 50V
2074	4822 122 32542	47nF10%X7R 63V	2206	4822 122 32542	47nF 10% X7R 63V
2080	4822 122 33177	10nF 20% X7R 50V	2207	5322 122 31866	6,8nF 10% X7R 63V
2081	4822 122 33837	1nF 10% X7R 50V	2208	5322 122 31866	6,8nF 10% X7R 63V
2082	4822 122 33837	1nF 10% X7R 50V	2209	4822 122 33496	100nF 10% X7R 63V
2083	4822 122 33496	100nF 10% X7R 63V	2210	4822 124 23432	100μF 20% 10V
2084	4822 122 33496	100nF 10% X7R 63V	2211	4822 124 41796	22μF 20% 16V
2100	4822 122 31971	10pF 10% 50V	2212	4822 122 33283	150pF 5% NP0 50V
2101	4822 126 10205	6pF NP0 50V	2214	4822 121 42408	220nF 5% 63V
2102	4822 126 10205	6pF NP0 50V	2215	4822 121 42408	220nF 5% 63V
2103	4822 122 33837	1nF 10% X7R 50V	2216	4822 122 33216	270pF 5% NP0 50V
2104	4822 122 33837	1nF 10% X7R 50V	2217	4822 126 10147	680pF 50V
2105	4822 122 33177	10nF 20% X7R 50V	2218	4822 126 10147	680pF 50V
2106	5322 122 31647	1nF 10% X7R 63V	2250	4822 122 33173	560pF 10% X7R 50V
2107	4822 122 33176	2,7nF 20% X7R 50V	2251	4822 122 33173	560pF 10% X7R 50V
2108	5322 122 31647	1nF 10% X7R 63V	2252	4822 122 33173	560pF 10% X7R 50V
2109	4822 122 31971	10pF 10% 50V	2253	4822 122 33173	560pF 10% X7R 50V
2110	4822 122 33837	1nF 10% X7R 50V	2254	4822 122 33176	2,7nF 20% X7R 50V
2111	4822 122 33834	12pF NP0 50V	2255	4822 122 33176	2,7nF 20% X7R 50V
2112	5322 122 32965	18pF 5%NP0 50V	2259	4822 124 22403	10μF 20% 16V
			2265	4822 124 23432	100μF20% 10V

II			II		
2266	4822 122 33555	22nF 10%	3050	4822 051 20561	560Ω 5% 0,1W
2268	4822 124 23432	100μF 20% 10V	3051	4822 051 20471	470Ω 5% 0,1W
2269	4822 124 23432	100μF 20% 10V	3052	4822 051 20184	180KΩ 5% 0,1W
2350	4822 124 41971	2,2μF 20% 50V	3053	4822 050 24702	4K70 1% 0,6W
2351	4822 124 41971	2,2μF 20% 50V	3054	4822 051 20102	1KΩ 5% 0,1W
2352	4822 124 23624	47μF 20% 16V	3055	4822 051 20102	1KΩ 5% 0,1W
2353	4822 124 23624	47μF 20% 16V	3056	4822 051 20223	22KΩ 5% 0,1W
2354	4822 122 33837	1nF 10% X7R 50V	3057	4822 051 20224	220KΩ 5% 0,1W
2355	4822 122 33837	1nF 10% X7R 50V	3058	4822 051 20474	470KΩ 5% 0,1W
2374	4822 122 33177	10nF 20% X7R 50V	3064	4822 051 20471	470Ω 5% 0,1W
2440	4822 122 33496	100nF 10% X7R 63V	3065	4822 051 20478	4Ω70 5% 0,1W
2441	4822 122 33496	100nF 10% X7R 63V	3066	4822 051 20563	56KΩ 5% 0,1W
2442	4822 122 33496	100nF 10% X7R 63V	3067	4822 051 20272	2K70 5% 0,1W
2443	4822 122 33496	100nF 10% X7R 63V	3068	4822 100 11212	2K2 30%
2444	4822 122 33128	15nF 10% X7R 63V	3100	4822 051 20184	180KΩ 5% 0,1W
2445	4822 122 33128	15nF 10% X7R 63V	3101	4822 051 20184	180KΩ 5% 0,1W
2500	4822 122 33496	100nF 10% X7R 63V	3102	4822 051 20271	270Ω 5% 0,1W
2501	4822 124 23432	100μF 20% 10V	3103	4822 051 20122	1K20 5% 0,1W
2503	4822 122 33496	100nF 10% X7R 63V	3104	4822 051 20104	100KΩ 5% 0,1W
2504	4822 122 33496	100nF 10% X7R 63V	3105	4822 051 20229	22Ω 5% 0,1W
2505	4822 122 33496	100nF 10% X7R 63V	3106	4822 051 20102	1KΩ 5% 0,1W
2506	4822 121 42408	220nF 5% 63V	3107	4822 051 20104	100KΩ 5% 0,1W
2507	4822 121 42408	220nF 5% 63V	3108	4822 051 20224	220KΩ 5% 0,1W
2508	4822 121 51252	470nF 5% 63V	3109	4822 051 20229	22Ω 5% 0,1W
2510	4822 121 51252	470nF 5% 63V	3110	4822 051 20229	22Ω 5% 0,1W
2511	4822 124 41873	4,7μF 20% 35V	3111	4822 051 20569	56Ω 5% 0,1W
2512	4822 124 22403	10μF 20% 16V	3112	4822 051 20104	100KΩ 5% 0,1W
2550	5322 122 32268	470pF 10% 50V	3113	4822 051 20104	100KΩ 5% 0,1W
2553	5322 122 32268	470pF 10% 50V	3114	4822 100 20589	
2554	4822 122 33496	100nF 10% X7R 63V	3115	4822 051 20569	56Ω 5% 0,1W
2555	4822 124 23768	220μF 20% 10V	3116	4822 051 20102	1KΩ 5% 0,1W
2556	5322 126 10223	4,7nF 10% X7R 63V	3117	4822 051 20271	270Ω 5% 0,1W
2562	5322 126 10223	4,7nF 10% X7R 63V	3118	4822 051 20229	22Ω 5% 0,1W
2563	4822 124 40201	100μF 20% 16V	3120	4822 051 20472	4K70 5% 0,1W
2564	4822 124 40201	100μF 20% 16V	3121	4822 051 20273	27KΩ 5% 0,1W
2570	4822 124 40723	2200μF 20% 16V	3125	4822 051 20472	4K70 5% 0,1W
2574	4822 122 33555	22nF 10%	3126	4822 051 20223	22KΩ 5% 0,1W
2575	4822 122 33283	150 pF 5%	3127	4822 051 20473	47KΩ 5% 0,1W
2576	4822 122 33283	150 pF 5%	3128	4822 051 20273	27KΩ 5% 0,1W
2580	4822 124 41796	22μF 20% 16V	3129	4822 051 20104	100KΩ 5% 0,1W
2590	4822 122 33216	270pF 5% NP0 50V	3131	4822 051 20473	47KΩ 5% 0,1W
2591	4822 122 33216	270pF 5% NP0 50V	3132	4822 051 20273	27KΩ 5% 0,1W
2592	4822 122 33216	270pF 5% NP0 50V	3133	4822 051 20152	1K50 5% 0,1W
2593	4822 122 33216	270pF 5% NP0 50V	3134	4822 051 20473	47KΩ 5% 0,1W
2600	4822 122 33496	100nF 10% X7R 63V	3135	4822 051 20473	47KΩ 5% 0,1W
2601	4822 124 22403	10μF 20% 16V	3137	4822 051 20569	56Ω 5% 0,1W
2602	4822 124 22403	10μF 20% 16V	3150	4822 051 20271	270Ω 5% 0,1W
2603	4822 124 23624	47μF 20% 16V	3151	4822 051 20222	2K20 5% 0,1W
2604	4822 124 80175	220μF 20% 16V	3152	4822 051 20562	5K60 5% 0,1W
2605	4822 124 80175	220μF 20% 16V	3153	4822 051 20823	82KΩ 5% 0,1W
2640	4822 124 23624	47μF 20% 16V	3154	4822 051 20103	10KΩ 5% 0,1W
2641	4822 124 41796	22μF 20% 16V	3155	4822 051 20104	100KΩ 5% 0,1W
2642	4822 124 80175	220μF 20% 16V	3156	4822 051 20271	270Ω 5% 0,1W
2643	4822 122 33496	100nF 10% X7R 63V	3157	4822 051 20563	56KΩ 5% 0,1W
2644	4822 122 33837	1nF 10% X7R 50V	3160	4822 100 11163	100K 30%LIN 0,1W
2645	4822 122 33837	1nF 10% X7R 50V	3180	4822 051 20182	1K80 5% 0,1W
2750	4822 122 33496	100nF 10% X7R 63V	3181	4822 051 20121	120Ω 5% 0,1W
			3182	4822 051 20222	2K20 5% 0,1W
			3183	4822 051 20103	10KΩ 5% 0,1W

					
3184	4822 051 20102	1KΩ 5% 0,1W	3450	4822 051 20333	33KΩ 5% 0,1W
3186	4822 051 20184	180KΩ 5% 0,1W	3451	4822 051 20333	33KΩ 5% 0,1W
3187	4822 051 20103	10KΩ 5% 0,1W	3452	4822 051 20333	33KΩ 5% 0,1W
3188	4822 051 20332	3K30 5% 0,1W	3500	4822 051 20103	10KΩ 5% 0,1W
3189	4822 051 20103	10KΩ 5% 0,1W	3501	4822 051 20103	10KΩ 5% 0,1W
3190	4822 051 20561	560Ω 5% 0,1W	3502	4822 051 20473	47KΩ 5% 0,1W
3191	4822 051 20472	4K70 5% 0,1W	3503	4822 051 20104	100KΩ 5% 0,1W
3200	4822 051 20273	27KΩ 5% 0,1W	3504	4822 051 20333	33KΩ 5% 0,1W
3201	4822 051 20104	100KΩ 5% 0,1W	3550	4822 051 20103	10KΩ 5% 0,1W
3202	4822 051 20272	2K70 5% 0,1W	3553	4822 051 20103	10KΩ 5% 0,1W
3203	4822 050 14704	470KΩ 1% 0,4W	3556	4822 051 20478	4Ω70 5% 0,1W
3204	4822 051 20473	47KΩ 5% 0,1W	3557	4822 051 20102	1KΩ 5% 0,1W
3205	4822 051 20333	33KΩ 5% 0,1W	3562	4822 051 20478	4Ω70 5% 0,1W
3206	4822 051 20333	33KΩ 5% 0,1W	3563	4822 051 20102	1KΩ 5% 0,1W
3207	4822 051 20474	470KΩ 5% 0,1W	3564	4822 051 20682	6K80 5% 0,1W
3208	4822 051 20473	47KΩ 5% 0,1W	3565	4822 051 20332	3K30 5% 0,1W
3209	4822 051 20104	100KΩ 5% 0,1W	3566	4822 051 20473	47KΩ 5% 0,1W
3210	4822 051 20182	1K80 5% 0,1W	3582	4822 051 20103	10KΩ 5% 0,1W
3211	4822 051 20152	1K50 5% 0,1W	3585	4822 051 20104	100KΩ 5% 0,1W
3212	4822 051 20152	1K50 5% 0,1W	3604	4822 051 20103	10KΩ 5% 0,1W
3213	4822 051 20103	10KΩ 5% 0,1W	3605	4822 051 20103	10KΩ 5% 0,1W
3214	4822 051 20478	4Ω70 5% 0,1W	3610	4822 051 20103	10KΩ 5% 0,1W
3215	4822 051 20103	10KΩ 5% 0,1W	3612	4822 051 20102	1KΩ 5% 0,1W
3216	4822 051 20222	2K20 5% 0,1W	3613	4822 051 20104	100KΩ 5% 0,1W
3219	4822 051 20332	3K30 5% 0,1W	3615	4822 051 20102	1KΩ 5% 0,1W
3220	4822 051 20473	47KΩ 5% 0,1W	3616	4822 051 20153	15KΩ 5% 0,1W
3221	4822 100 11163	100K 30%LIN 0,1W	3618	4822 051 20222	2K20 5% 0,1W
3222	4822 051 20224	220KΩ 5% 0,1W	3619	4822 051 20102	1KΩ 5% 0,1W
3225	4822 051 20105	1M00 5% 0,1W	3625	4822 116 40216	4Ω7
3252	4822 051 20121	120Ω 5% 0,1W	3640	4822 051 20473	47KΩ 5% 0,1W
3253	4822 051 20121	120Ω 5% 0,1W	3641	4822 050 21009	10Ω 1% 0,6W
3254	4822 051 20105	1M00 5% 0,1W	3642	4822 051 20104	100KΩ 5% 0,1W
3255	4822 051 20105	1M00 5% 0,1W	3643	4822 051 20103	10KΩ 5% 0,1W
3258	4822 051 20563	56KΩ 5% 0,1W	3644	4822 051 20473	47KΩ 5% 0,1W
3259	4822 051 20563	56KΩ 5% 0,1W	3645	4822 051 20473	47KΩ 5% 0,1W
3262	4822 051 20473	47KΩ 5% 0,1W	3646	4822 051 20472	4K70 5% 0,1W
3355	4822 051 20563	56KΩ 5% 0,1W	3681	4822 051 20153	15KΩ 5% 0,1W
3356	4822 051 20563	56KΩ 5% 0,1W	3682	4822 051 20153	15KΩ 5% 0,1W
3357	4822 051 20563	56KΩ 5% 0,1W	3704	4822 051 20272	2K70 5% 0,1W
3358	4822 051 20563	56KΩ 5% 0,1W	3705	4822 051 20103	10KΩ 5% 0,1W
3359	4822 051 20273	27KΩ 5% 0,1W	3706	4822 116 52195	47E 5% 0,5W
3361	4822 051 20121	120Ω 5% 0,1W	3707	4822 116 52176	10E 5% 0,5W
3362	4822 051 20121	120Ω 5% 0,1W	3751	4822 051 20153	15KΩ 5% 0,1W
3363	4822 051 20332	3K30 5% 0,1W	3863	4822 051 20332	3K30 5% 0,1W
3364	4822 051 20332	3K30 5% 0,1W	3864	4822 051 20332	3K30 5% 0,1W
3365	4822 051 20332	3K30 5% 0,1W	3865	4822 051 20332	3K30 5% 0,1W
3366	4822 051 20332	3K30 5% 0,1W	3867	4822 051 20332	3K30 5% 0,1W
3367	4822 051 20102	1KΩ 5% 0,1W	3868	4822 051 20332	3K30 5% 0,1W
3374	4822 051 20105	1M00 5% 0,1W	3869	4822 051 20332	3K30 5% 0,1W
3375	4822 051 20105	1M00 5% 0,1W	3870	4822 051 20332	3K30 5% 0,1W
3376	4822 051 20104	100KΩ 5% 0,1W	3871	4822 051 20332	3K30 5% 0,1W
3377	4822 051 20104	100KΩ 5% 0,1W	3872	4822 051 20332	3K30 5% 0,1W
3378	4822 051 20104	100KΩ 5% 0,1W	3873	4822 051 20332	3K30 5% 0,1W
3379	4822 051 20473	47KΩ 5% 0,1W	3874	4822 051 20332	3K30 5% 0,1W
3380	4822 051 20473	47KΩ 5% 0,1W	3875	4822 051 20332	3K30 5% 0,1W
3381	4822 051 20473	47KΩ 5% 0,1W	3880	4822 051 20561	560Ω 5% 0,1W
3447	4822 051 20273	27KΩ 5% 0,1W	3881	4822 051 20102	1KΩ 5% 0,1W
3448	4822 051 20273	27KΩ 5% 0,1W	3882	4822 051 20102	1KΩ 5% 0,1W
3449	4822 051 20333	33KΩ 5% 0,1W	3883	4822 051 20102	1KΩ 5% 0,1W

					
3884	4822 051 20561	560Ω 5% 0,1W	6880	4822 130 82989	LED THLO2400
3885	4822 051 20561	560Ω 5% 0,1W	6881	4822 130 82989	LED THLO2400
3886	4822 050 21001	100Ω 1% 0,6W	6882	4822 130 82989	LED THLO2400
3887	4822 051 20102	1KΩ 5% 0,1W	6883	4822 130 82989	LED THLO2400
3888	4822 051 20102	1KΩ 5% 0,1W	6884	4822 130 82989	LED THLO2400
3890	4822 051 20102	1KΩ 5% 0,1W	6885	4822 130 82989	LED THLO2400
4250	4822 051 20478	4Ω70 5% 0,1W	6886	4822 130 82989	LED THLO2400
4251	4822 051 20478	4Ω70 5% 0,1W	6887	4822 130 82989	LED THLO2400
			6888	4822 130 82989	LED THLO2400
5050	4822 152 20677	10μH 10%	6889	4822 130 82989	LED THLO2400
5051	4822 152 20677	10μH 10%	6890	4822 130 82989	LED THLO2400
5052	4822 157 60122	4.7μH 10%	6891	4822 130 82989	LED THLO2400
5053	4822 152 20677	10μH 10%			
5054	4822 157 50975	1 MH	7050	4822 209 72247	TEA6200/V2
5055	4822 152 20682	6.15 μH 6%	7055	4822 130 41482	BF410C
5056	4822 152 20678	33UH	7056	4822 130 44195	BF494
5057	4822 152 20683	28 μH 6%	7100	4822 209 73069	LA1177
5058	4822 157 52983	2N2	7102	4822 130 61183	BF992/01
5059	4822 157 52983	2N2	7103	4822 130 60511	BC847B
5060	4822 157 60122	4.7μH 10%	7104	5322 130 41983	BC858B
5070	4822 242 72076	10,700 000MC	7120	4822 130 60511	BC847B
5071	4822 242 72076	10,700 000MC	7121	4822 130 60511	BC847B
5072	4822 242 71883	SFE10,7MS318-D	7150	4822 209 63697	TDA1596/V3
5100	4822 157 63496		7180	4822 130 44246	BC549C
5101	4822 152 20677	10μH 10	7181	4822 130 44246	BC549C
5102	4822 156 21656	100MHZ 22.6 3% 7KS B	7182	4822 130 60511	BC847B
5103	4822 156 21655	100MHZ MC-122 B	7183	5322 130 41983	BC858B
5104	4822 153 50257	COIL 2,5μH	7185	4822 209 31451	UPD1723 OTP RBT ⁽¹⁾
5114	4822 242 73779	SFE10,7MS3-K18-A	7185	4822 209 31569	UPD1723 OTP RBT ⁽²⁾
5115	4822 242 73779	SFE10,7MS3-K18-A	7186	5322 209 11306	HEF4094BT
5117	4822 242 80258	SFE10,7MS2-A-TF21	7200	4822 130 60511	BC847B
5150	4822 157 63753	10.7MHZ	7201	4822 130 60511	BC847B
5180	4822 242 72292	NR-18 4500MC	7202	5322 130 41983	BC858B
5181	4822 157 52983	2N2	7203	4822 130 60511	BC847B
5200	4822 242 81117	CSB456F11	7210	4822 209 30859	TDA1591/V3
5570	4822 152 20681	CHOKE COIL	7250	4822 209 63939	TA7705F
			7351	4822 130 44195	BF494
6000	4822 252 60125	DSP201	7352	4822 130 44195	BF494
6051	4822 130 82596	BB419	7370	5322 209 11102	HEF4052BT
6052	5322 130 34337	BAV99	7500	4822 209 31193	TDA1526
6100	4822 130 81643	BB804	7550	4822 209 72894	TDA1516BQ/N2
6101	4822 130 81643	BB804	7552	4822 130 60511	BC847B
6102	4822 130 81643	BB804	7600	4822 130 60511	BC847B
6103	4822 130 42033	BA479G	7601	4822 130 60511	BC847B
6104	5322 130 34337	BAV99	7602	4822 209 63938	L4918
6105	5322 130 34337	BAV99	7603	5322 209 60749	LM2931Z-5.0
6200	4822 130 30621	1N4148	7640	5322 130 41983	BC858B
6350	5322 130 31928	BAS16	7641	4822 130 60511	BC847B
6351	5322 130 31928	BAS16	7642	4822 130 60511	BC847B
6500	5322 130 34337	BAV99	7701	4822 130 42132	BC807
6570	5322 130 30684	1N4002	7750		ST24C02AM6
6580	5322 130 31928	BAS16			
6600	5322 130 30684	1N4002	(1) 22 DC 577		
6601	4822 130 34173	BZX79-C5V6	(2) 22 DC 579		
6607	5322 130 30684	1N4002			
6610	4822 130 34174	BZX79-C4V7			
6640	5322 130 34337	BAV99			
6641	5322 130 30684	1N4002			

Service
Service
Service

Service Manual

For this versions, please refer to the Service Manual P6 version 16 (from week 140) with following exceptions:
the motor has been mounted at the left side, the playback head has been replaced by a Dolby version, MSS has been added (only P6-25/3).
This deviations have been incorporated in the exploded view and in the complete list of parts

A 4822 390 20128
 B 4822 390 10107
 D 4822 390 20116
 101 4822 466 81479
 102 4822 462 30242
 103 4822 466 70526
 104 4822 466 70527
 107 4822 522 20325
 109 4822 522 20327
 113 4822 520 30406
 114 4822 492 90076
 116 4822 528 80985
 117 4822 358 31136
 118 4822 520 30407
 119 4822 403 40157

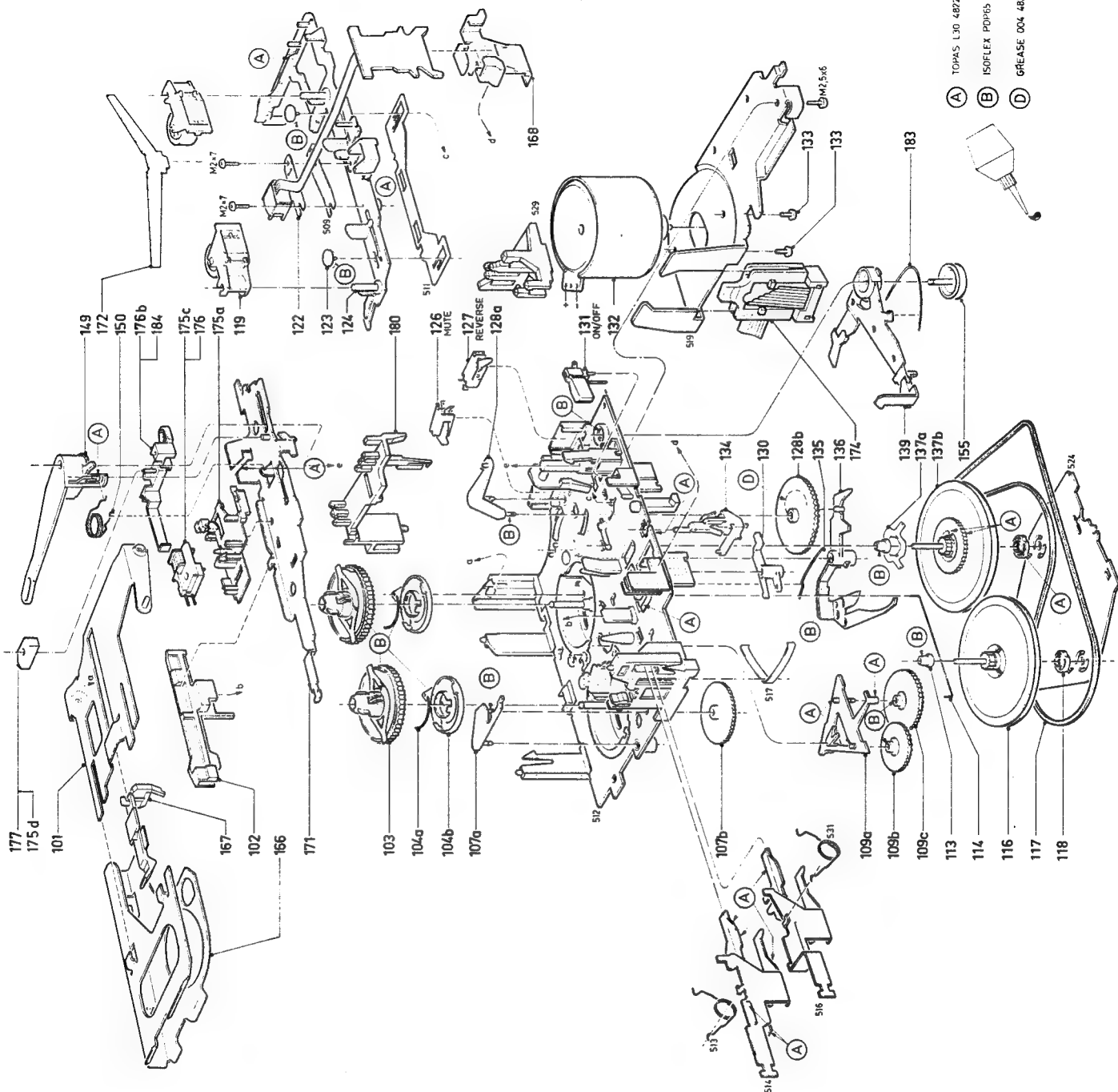
122 4822 249 30179
 123 4822 528 80983
 124 4822 459 80209
 126 4822 277 10749
 127 4822 277 10748
 128 4822 522 20326
 131 4822 276 13081
 130 4822 403 52509
 132 4822 361 21103
 133 4822 502 12548
 134 4822 403 10225
 135 4822 492 63217
 136 4822 403 52031
 137 4822 528 80984
 139 4822 404 21169

149 4822 404 20568
 150 4822 492 41275
 155 4822 528 81144
 166 4822 404 20593
 167 4822 404 20585
 168 4822 256 91801
 171 4822 404 20951
 171 4822 404 21174
 172 4822 492 63216
 174 4822 321 61271
 174 4822 321 61516
 175 4822 404 21173
 176 4822 281 50113
 177 4822 281 60165
 180 4822 256 91799
 183 4822 492 71064
 184 4822 404 21232

P6-25/2
 P6-25/3
 P6-25/2
 P6-25/3
 P6-25/3
 P6-25/3
 P6-25/3
 P6-25/3
 P6-25/3
 P6-25/3

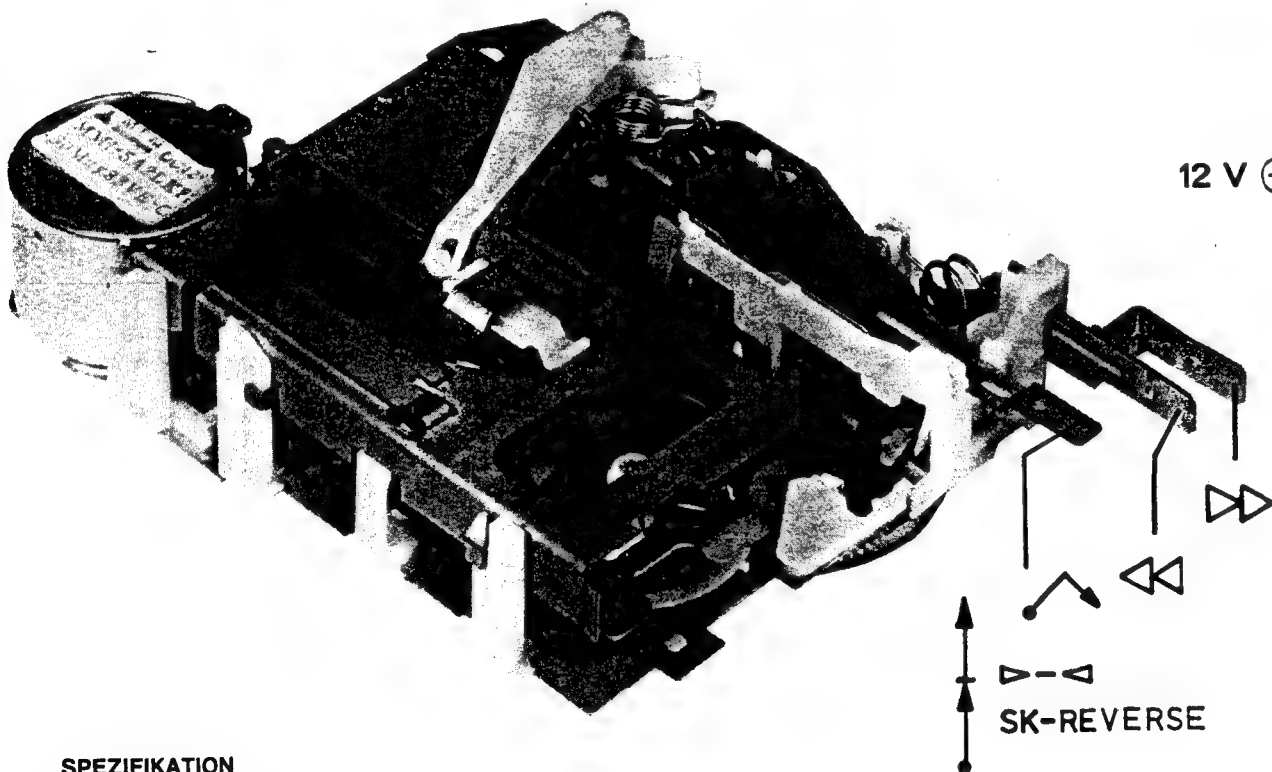
Deck complete: 4822 701 12683 P6-25/2
 4822 701 12684 P6-25/3

P6-25/2



Service
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Service Manual



SPEZIFIKATION

Bandgeschwindigkeit : 4.76 cm/s \pm 2% (10-45°C)
Arbeitsspannung : 8.4-15 V
Gleichlaufschwankungen : \leq 0.3% (10-45°C)
Uebersprechen : \geq 35 dB (1 kHz)
Umspuldauer (C60) : \leq 120 sec.
Spurenzahl : 2 x 2

36027 A12

LAUFWERKFUNKTION (Bilder 1...5)

In genannten Bildern sind mit Pfeilen die Bewegungen gekennzeichnet, welche die Teile bei einem bestimmten Vorgang ausführen.

In den beigelegten Tabellen ist die Bewegungsfolge festgelegt, wie sie in den Bildern gelesen werden soll. Es wurde folgende Richtlinie zugrundegelegt:

- 1 → 3 : Bewegung zweier verschiedener Teile
1 → 2
1 → 2a : Bewegung nur eines Bauteils, das sich mit mehreren Teilen aufbaut und das wegen der Deutlichkeit des Bildes an mehreren Stellen Zeichnerisch dargestellt ist.
-(etwa die Friktion).

Bild 1 zeigt die Ausgangsstellung
Bild 2...5 sind das Ergebnis der in Bild 1 ausgeführten Bewegungen (Cassette ist also eingelegt, das Laufwerk befindet sich in Wiedergabestellung).

INSTANDHALTUNG

Es empfiehlt sich, das Laufwerk in regelmässigen Zeitabständen zu reinigen und an den wichtigsten Stellen zu schmieren.

1. Reinigen mit Alkohol oder Spiritus

- Wiedergabeknopf
- Tonwellen
- Andruckrollen
- Seilrollen

Zum Reinigen von Kopf, Druckrolle und Tonwelle kann auch eine s.g. "drop-in"-Reinigungscassette (SBC114-4822 389 20015) benutzt werden.

2. Schmiervorschrift

- Siehe Explosionsansicht 42312E.

REPARATURHINWEISE

An einigen Stellen sind Bauteile durch Kunststoffnocken verriegelt.

Zum Ausbau dieser Bauteile müssen die Nocken verbogen, verdreht usw. werden.

Die Zahnräder 107b, 128b und die Druckrollenbügel 119 sind durch eine Einschnapverbindung an den Achsen befestigt. Mit Hilfe eines Schraubenziehers lassen sich diese Bauteile ausbauen.

Wenn Zahnrad 107b (oder 128b) ausgewechselt wird, ist auch der zugehörige Bügel 107a (oder 128a) auszuwechseln.

Auswechseln der genannten Bauteile siehe Bildern 6...10.

EINSTELLUNGEN UND KONTROLLEN

Benötigte Messgeräte

- Universal-Testcassette SBC419 - 4822 397 30069
- Universal-Testcassette SBC420 - 4822 397 30071
- Friktions-Testcassette 4822 395 30054
- Wechsellspannungs-Millivoltmeter
- Federwaage 3-55 p
- Gleichlaufanalysator

1. Azimut (Bilder 11 und 12)

- Beide Lautsprecherausgänge mit 4 Ω belasten.
- An beide Lautsprecherausgänge ein Wechsellspannungs-Millivoltmeter schalten.
- Mit Hilfe einer Testcassette SBC419 oder SBC420 das 10-kHz-Signal wiedergeben.
- Schraube A auf den Mittelwert der Höchst-Ausgangsspannungen einstellen.
- Die Differenz zwischen beiden Kanälen darf zuhöchst 4 dB betragen.
- Auf Stellung "reverse" umschalten.
- Falls der gemessene Wert vom bereits gemessenen Wert abweicht das Lager 118 im vorderen Schwungrad ("reverse") verdrehen.

2. Friktionen

- Friktions-Testcassette in das Gerät einlegen. Die Aufwickelfriktion muss für beide Richtungen 55-70 pcm betragen, gemessen nach einer Einlaufdauer von 2 Minuten.
- Der Gegenzug muss für beide Richtungen 4,5-7,5 pcm betragen.
- Bei einem abweichenden Wert muss die entsprechende Aufwickelfriktion oder der entsprechende Gegenzug ausgewechselt werden. Die Aufwickelfriktion (SVL) muss 80-130 pcm sein (bei trockenem Wetter: niedriger Wert; bei feuchtem Wetter: hoher Wert). Einem zu hohen Wert ist abzuweichen, dadurch dass Blattfeder 137a an den 3 Enden mit einem stumpfen Kunststoffstäbchen ein wenig zusammengedrückt wird.

3. Andruckrolle 119

- Kontrolle nach Bild 13.

Der Andruckrollendruck ist nicht einstellbar. Bei einem abweichenden Wert muss Feder 172 ausgewechselt werden.

4. Gleichlaufschwankungen/Bandgeschwindigkeit

Es muss mit dem Autoradio komplett kontrolliert werden, und zwar wie folgt.

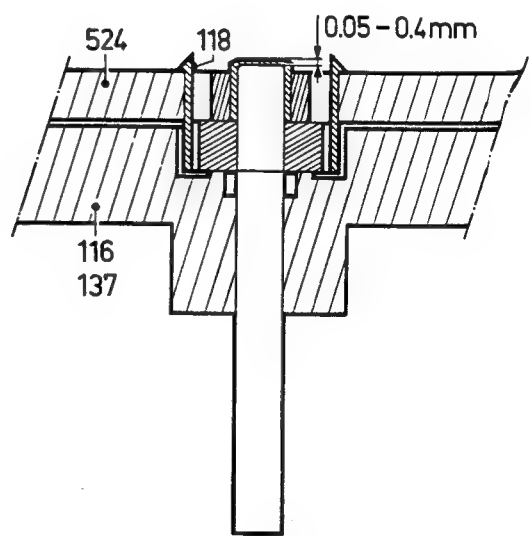
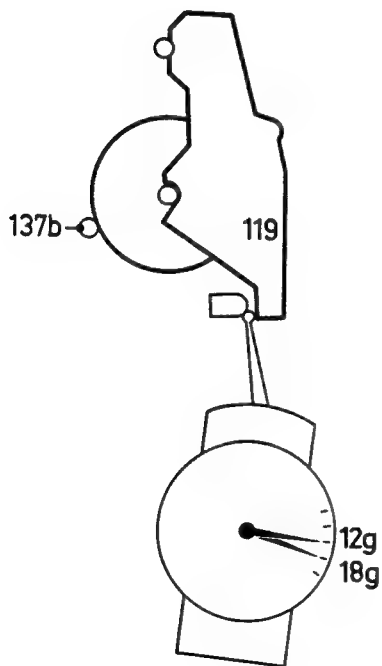
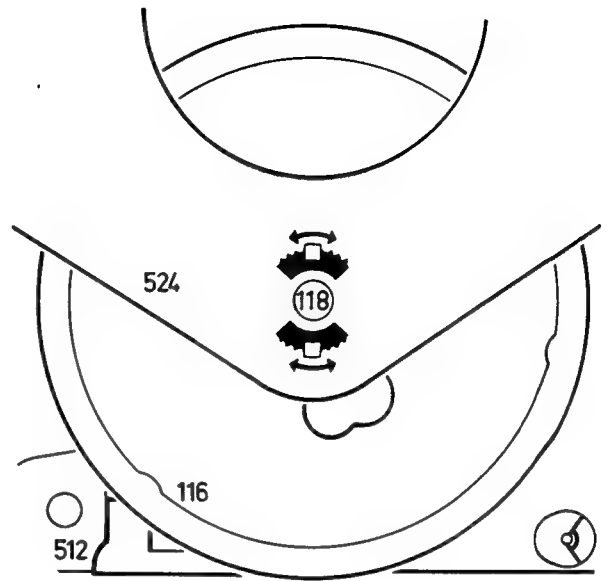
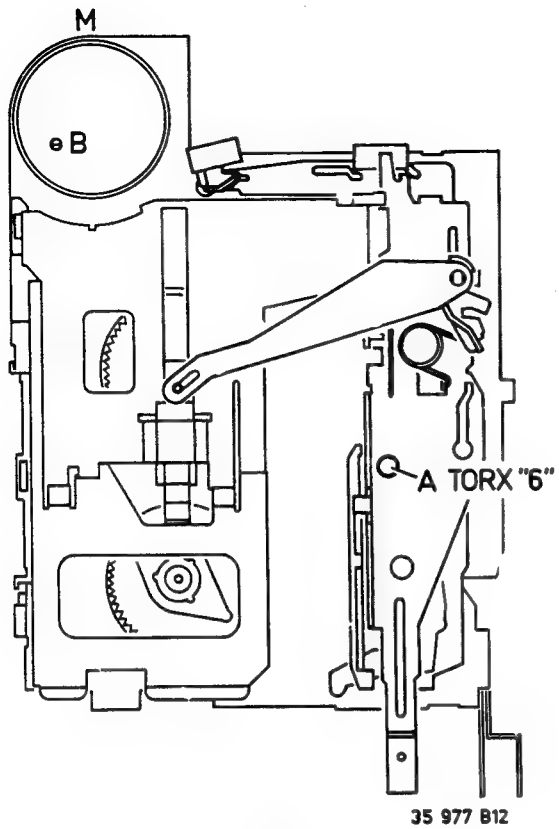
- Gleichlaufanalysator an die Lautsprecherausgänge schalten
- Testcassette SBC419 oder SBC420 einlegen und das 3150-Hz-Signal wiedergeben.
- Der Jaulwert muss $\leq 0,3\%$ sein.
- Die Bandgeschwindigkeit muss $4,76 \text{ cm/s} \pm 2\%$ betragen. Die Geschwindigkeit lässt sich mit Schraube B (Bild 11) einstellen.

Bei einem übermässigen Jaulwert müssen folgende Teile auf ihre richtige Arbeitsweise (Einstellung) kontrolliert werden

- Motor 132
- Andruckrolle 119
- Reibkupplungen 103
- Schwungräder 116, 137
- Seil 117
- Lager 113. Beim Auswechseln das neue Lager zuerst kurz "einlaufen" (Schwungrad ein wenig schräg einstecken und einige Umdrehungen schnell rotieren lassen.)
- Scheibe 104. Ist der Wert in der (üblichen) Wiedergabestellung zu hoch, so muss die vordere Scheibe ausgewechselt werden. Bei einem zu hohen Wert in der "reverse"-Stellung ist die hintere Scheibe auszuwechseln.

5. Schwungrad 116,137

- Siehe Bild 14.



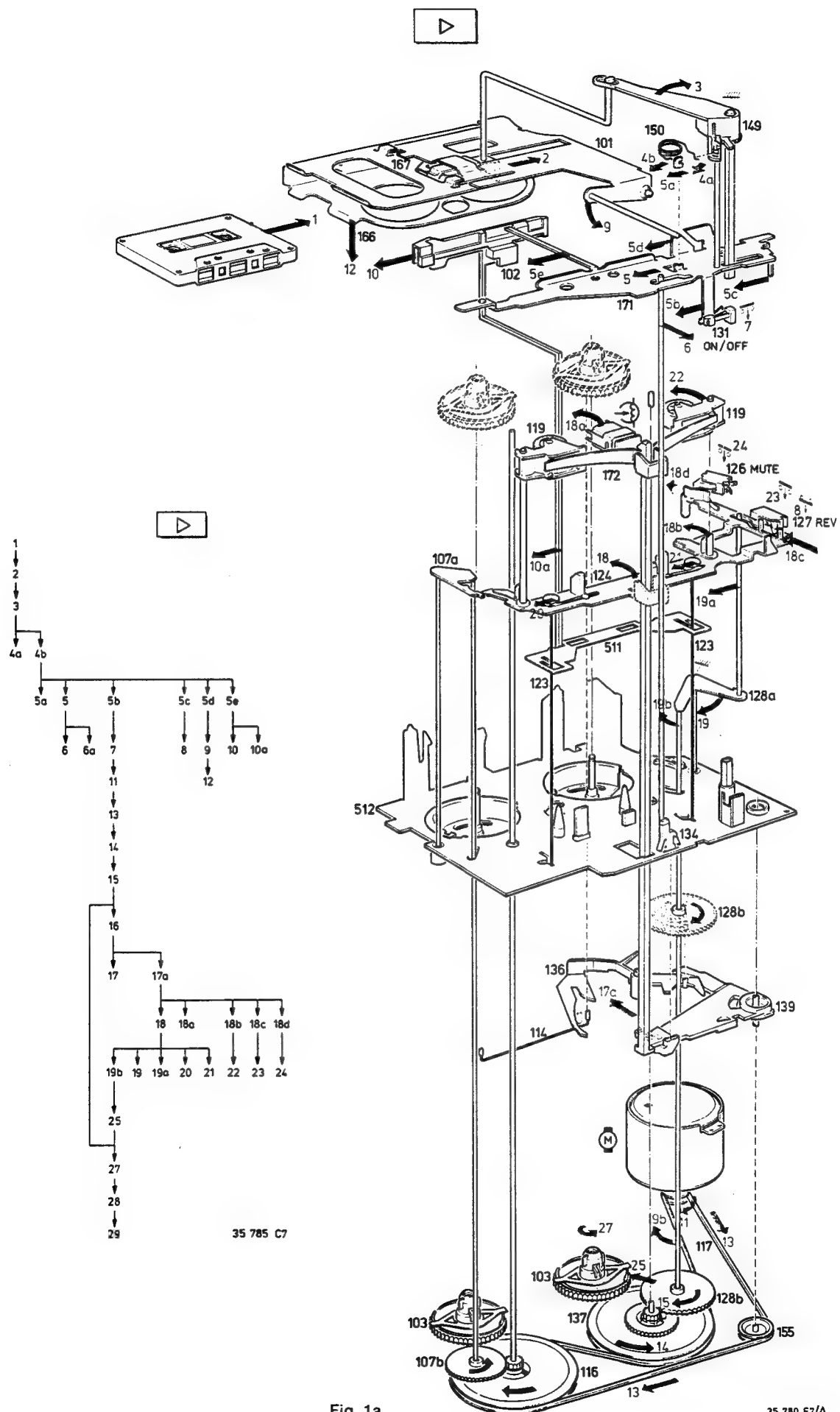


Fig. 1a

35 780 E7/A

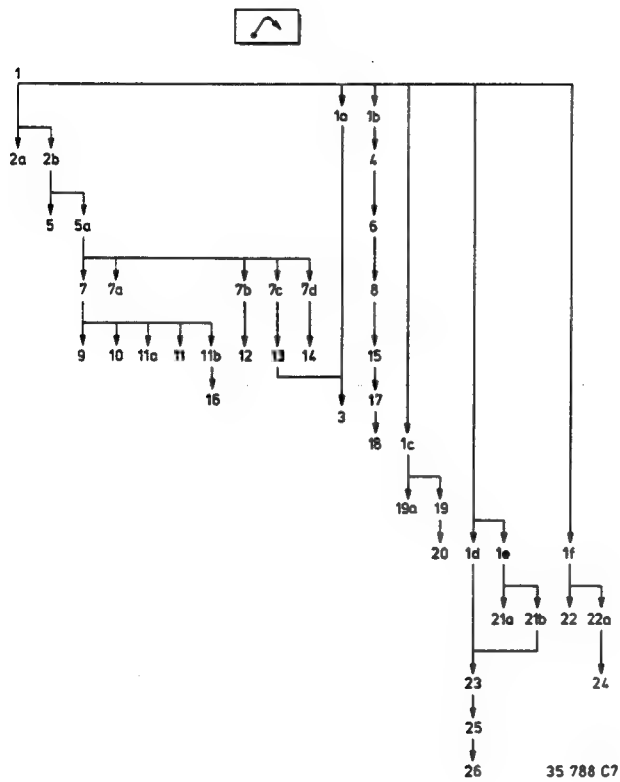
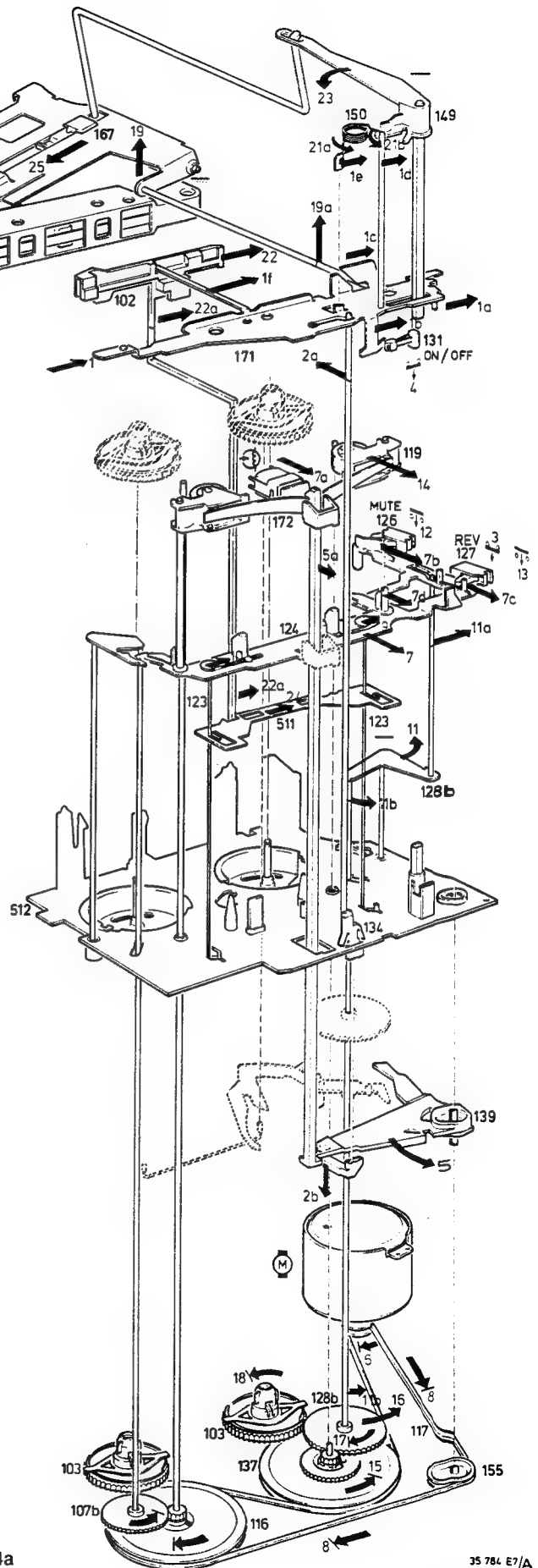
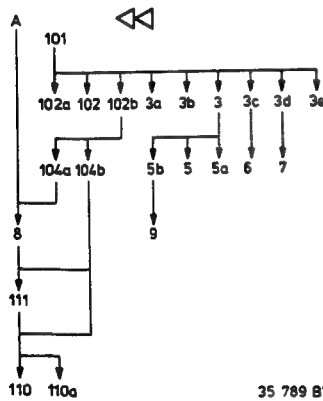
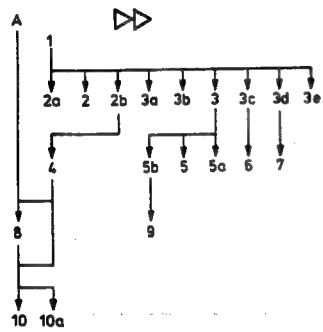


Fig. 4a





35 789 87

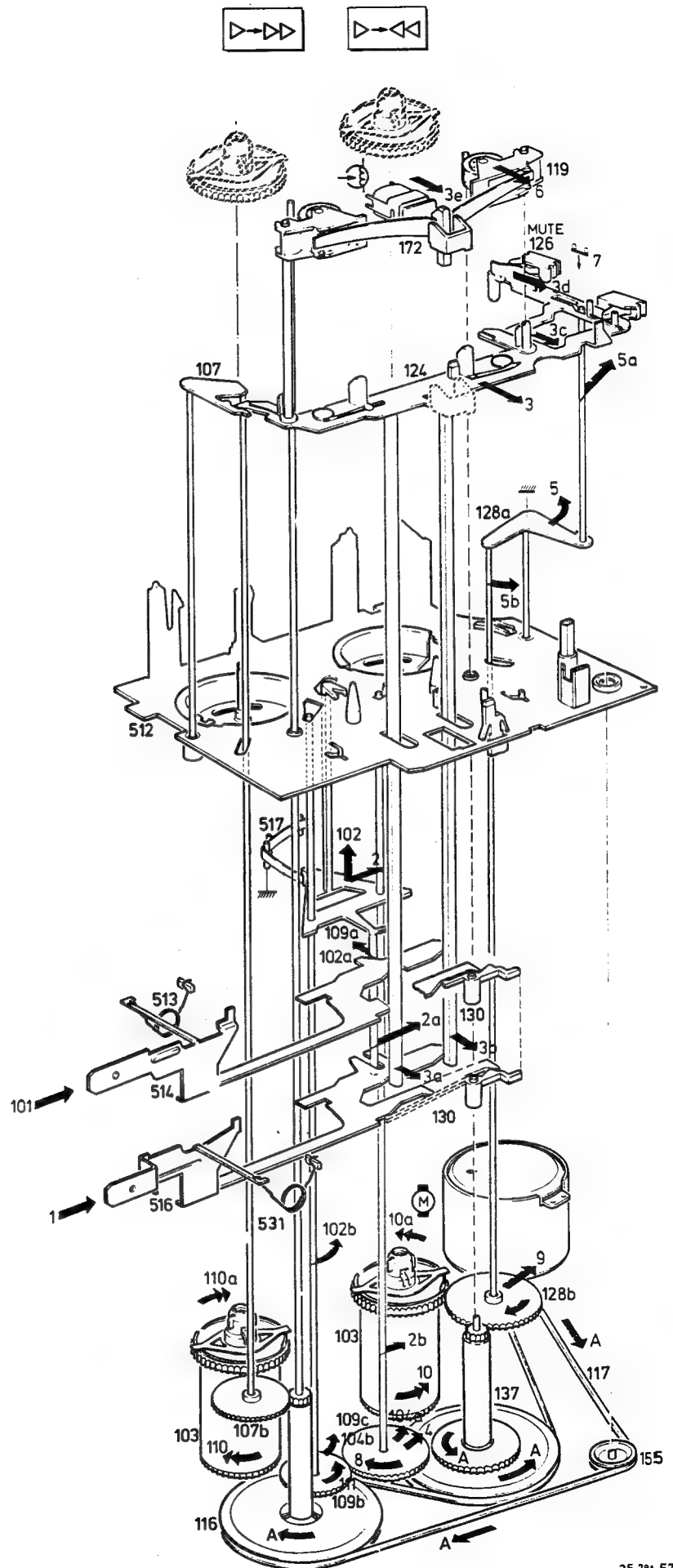
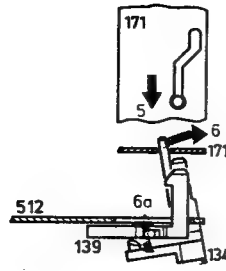


Fig. 5

35 781 E7/A



35 768 A7/A
Fig. 1b

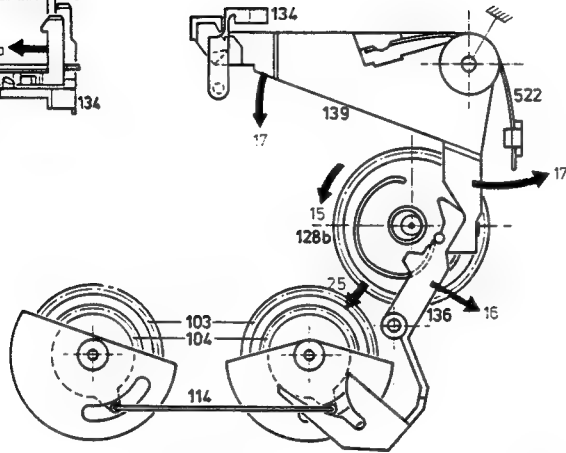
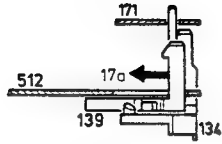


Fig. 1c

35 771 B7/A

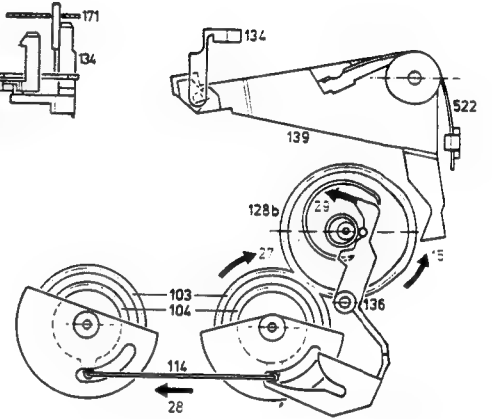
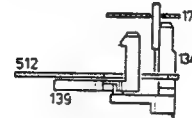
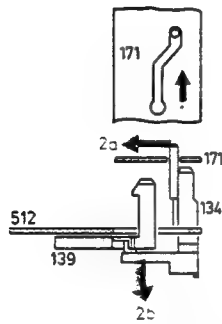


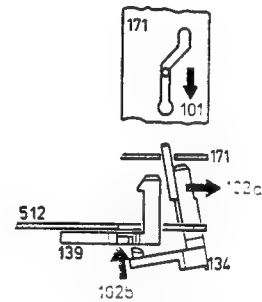
Fig. 1d

35 777 B7/A



36 026 A7/A

Fig. 2b



35 767 A7/A

Fig. 2c

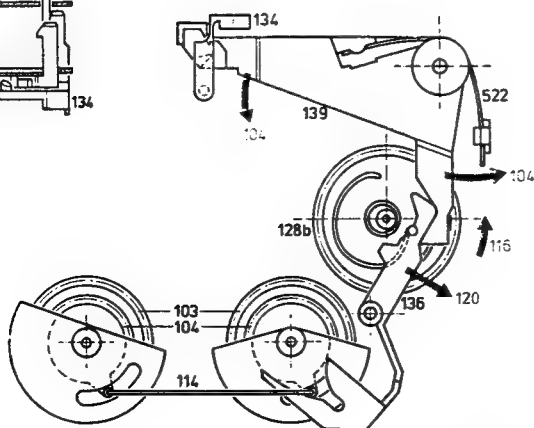
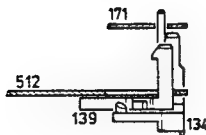


Fig. 2d

35 773 B7/A

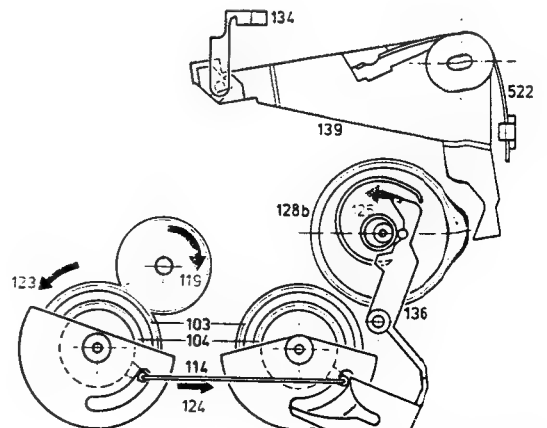


Fig. 2e

35 778 B7

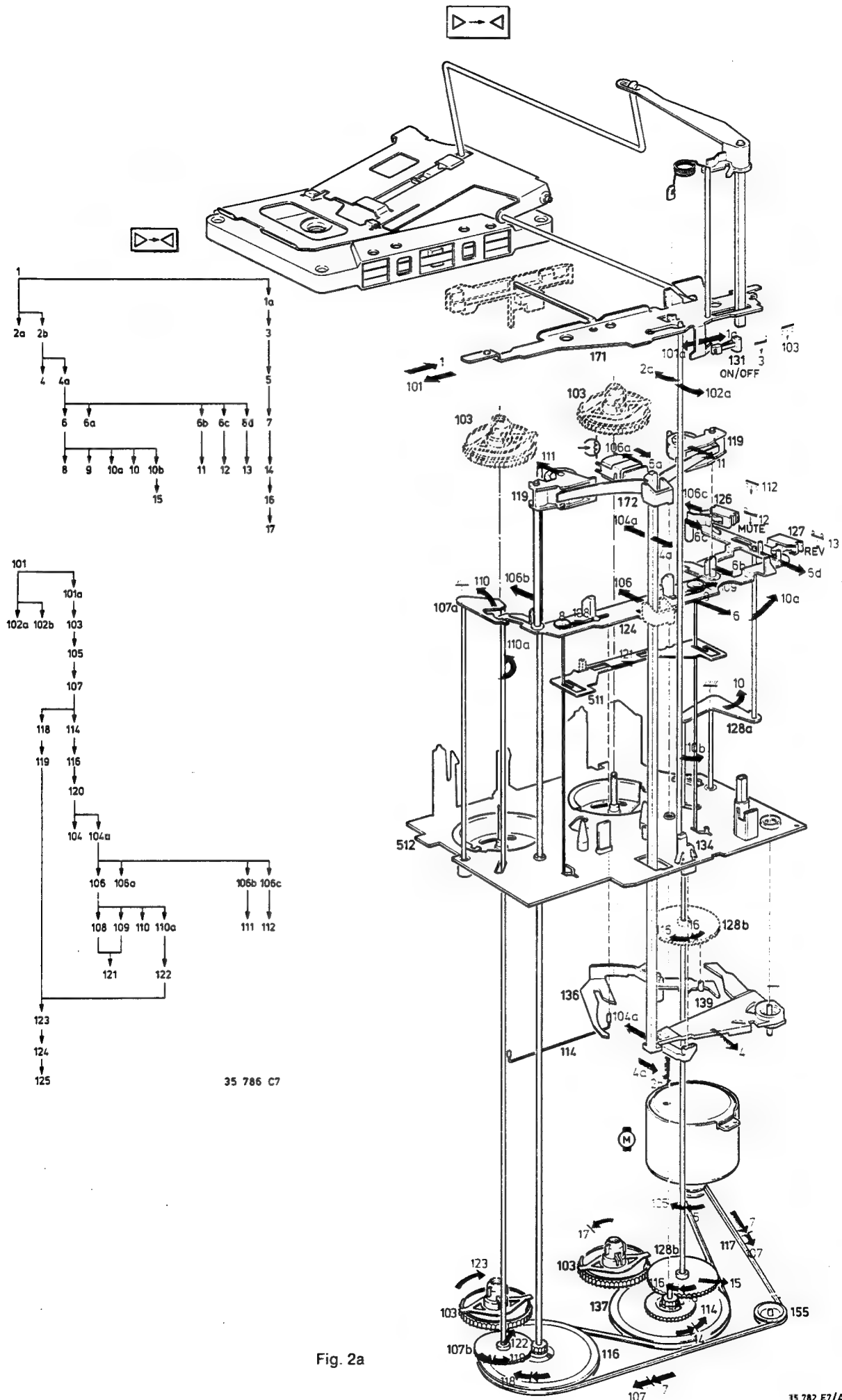


Fig. 2a

This diagram illustrates the front panel assembly. It shows the front panel with its internal components, including the display and control buttons. The panel is shown in an exploded view, indicating its relationship to the mounting brackets and the internal frame. A dashed line indicates the path of a screw used to secure the panel to the frame.

[illegible]

Fig. 3a

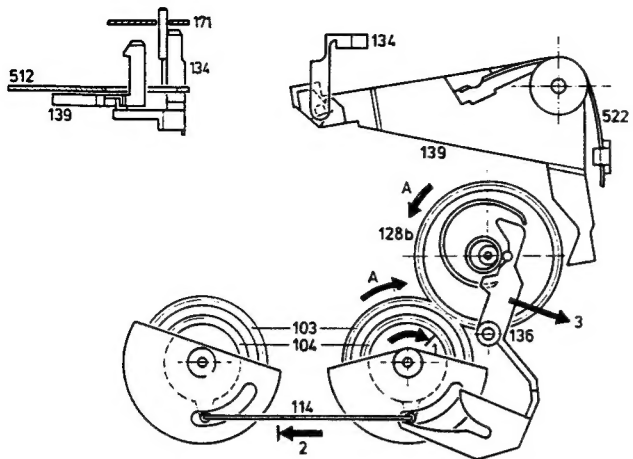


Fig. 3b

35 776 B7/A

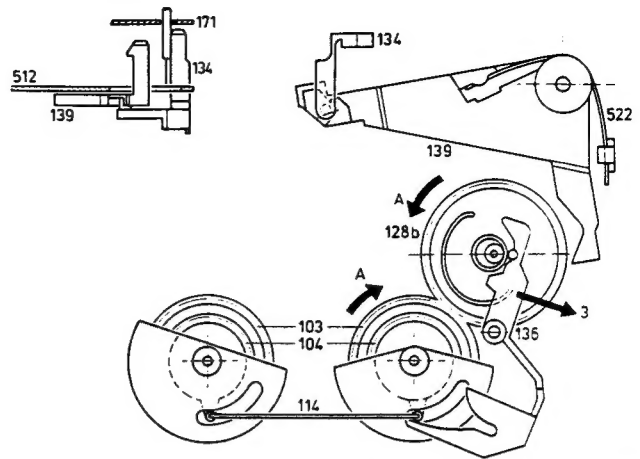


Fig. 3c

35 775 B7/A

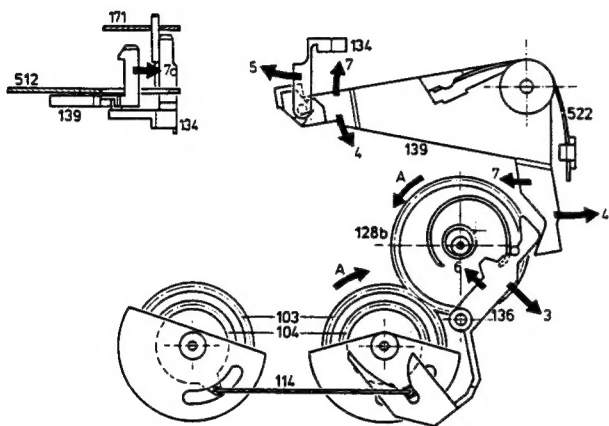


Fig. 3d

35 770 B7/A

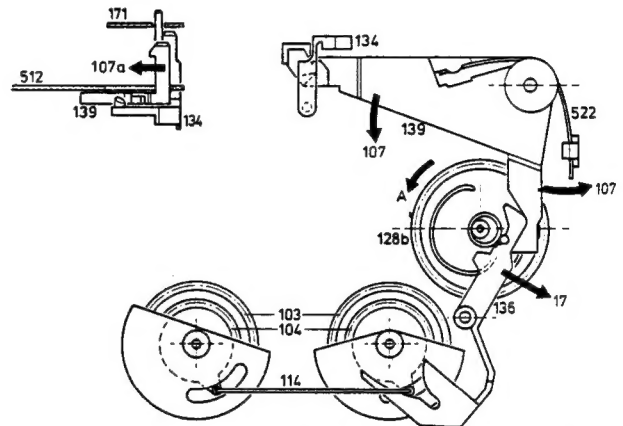


Fig. 3e

35 772 B7/A

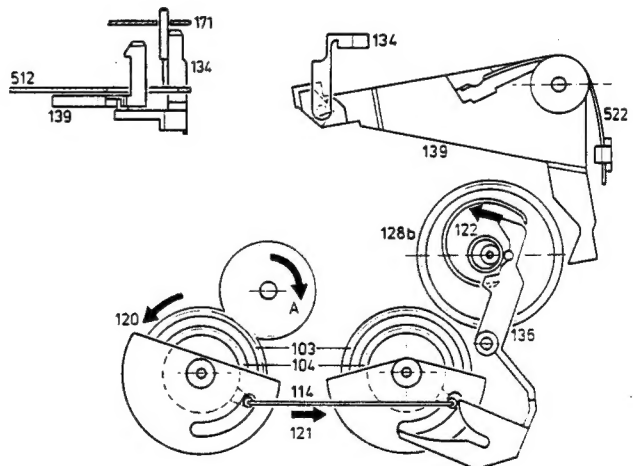


Fig. 3f

35 779 B7/A

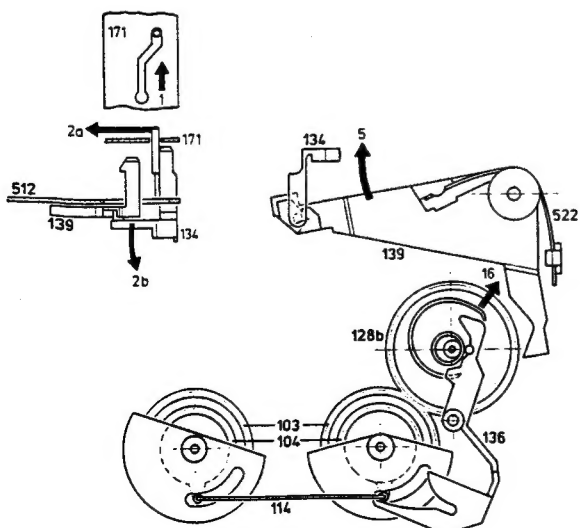


Fig. 4b

35 774 B7/B

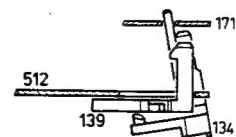
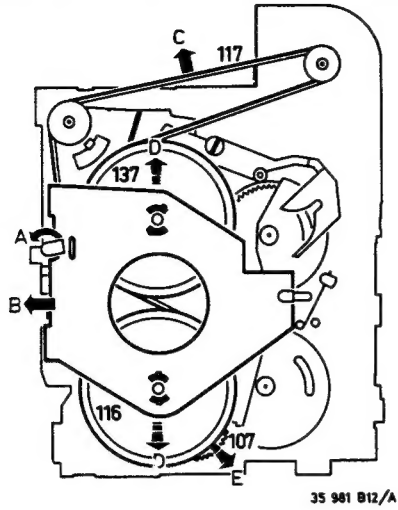


Fig. 4c

35 769 A7/A

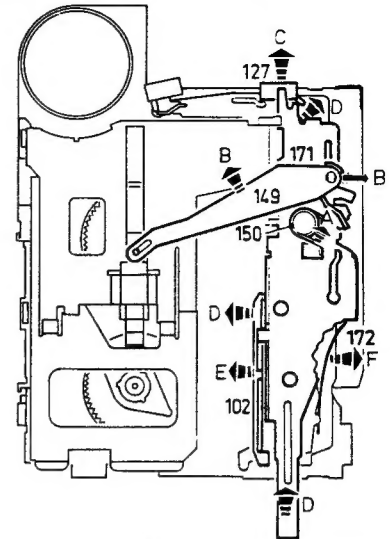
BELT 117, FLY WHEELS 116, 137, COG WHEEL 107



35 981 B12/A

Fig. 6

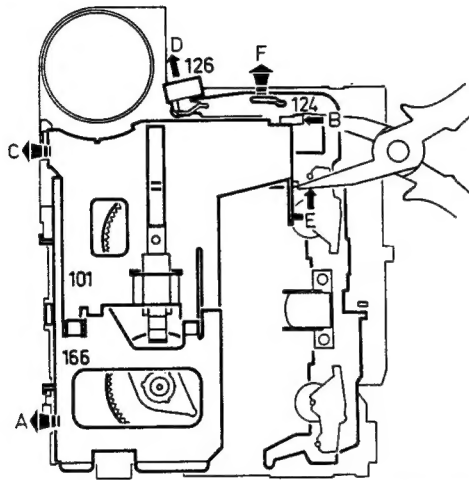
PRESSURE ROLLER 119, HEAD 122



35 982 B12/A

Fig. 7

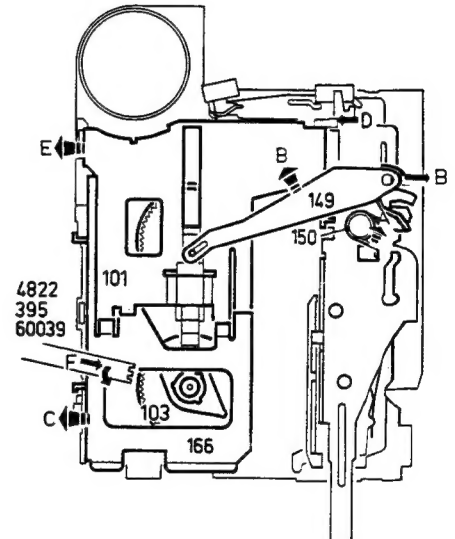
HEAD BRACKET 124



35 983 B12/A

Fig. 8

CLUTCH 103



35 984 B12/A

Fig. 9

COG WHEELS 109, 128

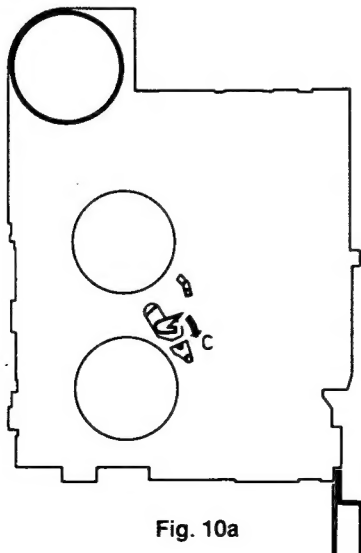


Fig. 10a

35 985 B12

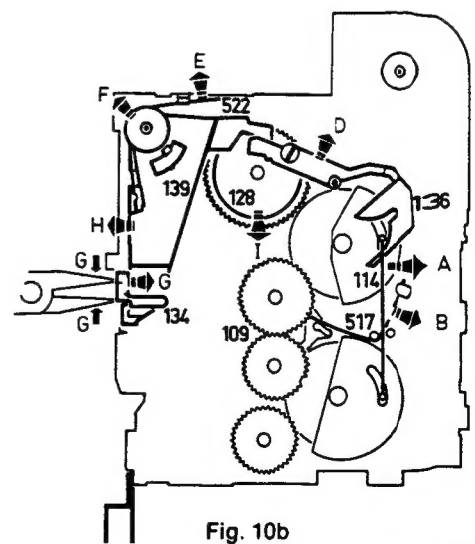
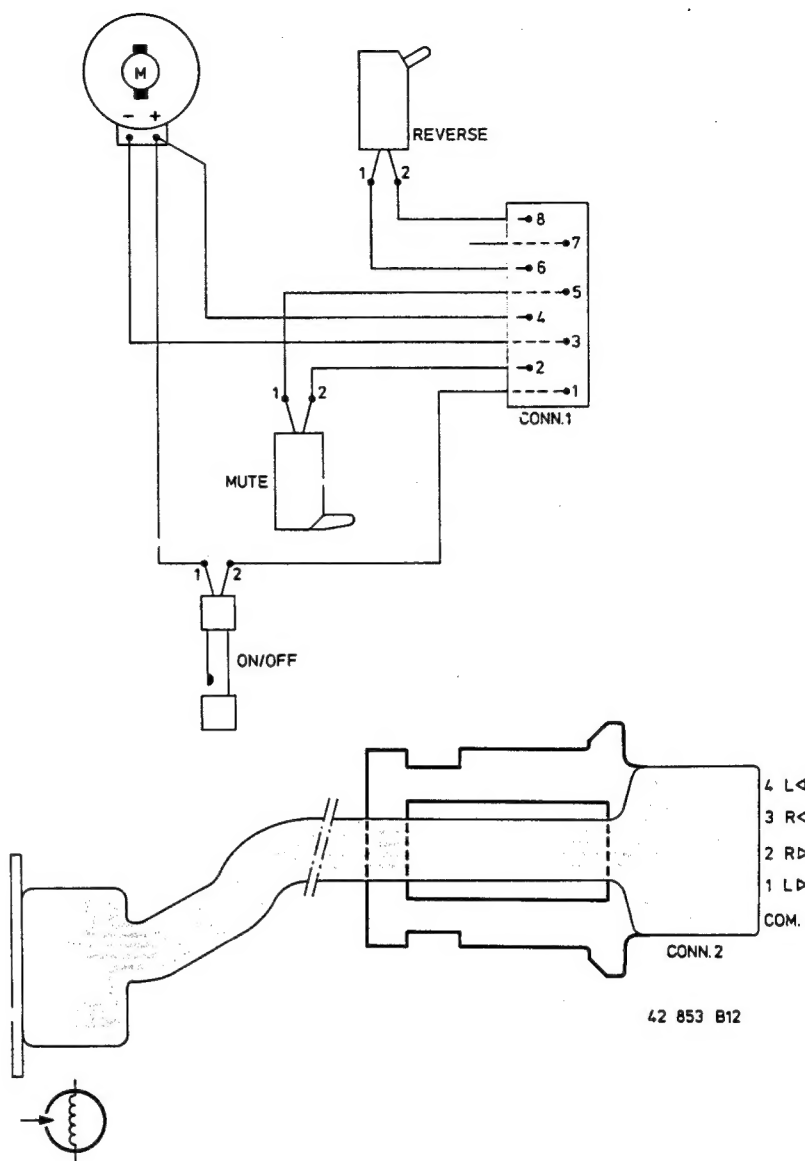
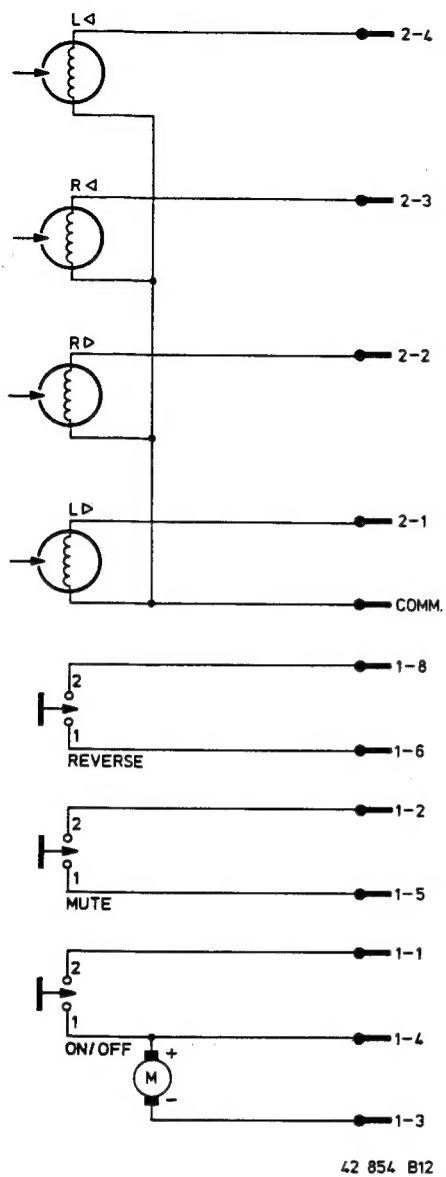
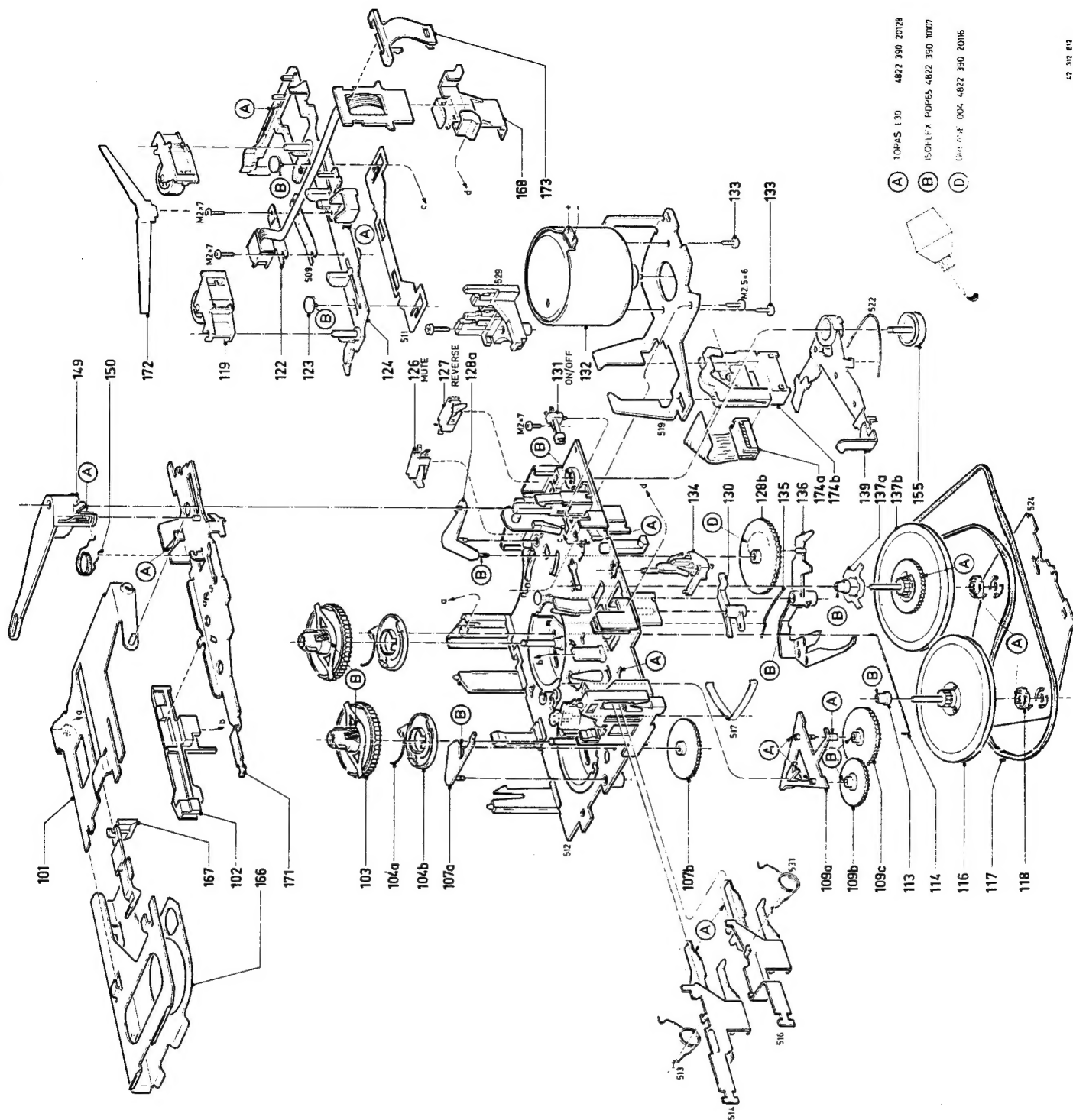


Fig. 10b

35 986 A12



A 4822 390 20128
 B 4822 390 10107
 D 4822 390 20116
 101 4822 466 81479
 102 4822 462 30242
 103 4822 466 70526
 104 4822 466 70527
 107 4822 522 20325
 109 4822 522 20327
 113 4822 520 30406
 114 4822 492 90076
 116 4822 528 80985
 117 4822 358 30405
 118 4822 520 30407
 119 4822 403 40157
 122 4822 249 30117
 123 4822 528 80983
 124 4822 459 80209
 126 4822 277 10749
 127 4822 277 10748
 128 4822 522 20326
 130 4822 403 52509
 131 4822 276 11291
 132 4822 361 20487
 133 4822 502 12548
 134 4822 403 10225
 135 4822 492 63217
 136 4822 403 52031
 137 4822 528 80984
 139 4822 403 52029
 149 4822 404 20568
 150 4822 492 41275
 155 4822 528 81144
 166 4822 404 20593
 167 4822 404 20585
 168 4822 256 91254
 171 4822 404 20951
 172 4822 492 63216
 173 4822 404 20952
 174 4822 321 22596



(A) TOP45 L 30 4822 390 20128
 (B) ISOHLEX POP45 4822 390 10107
 (D) GLE 404 1004 4822 390 20116